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W. W. Tracy, Jr.
Tenth Anniversary
Catalogue

1893
1903


Catalogue
JOHNSON & MUSSER SEED CO.

100
113 NORTH MAIN ST.

LOS ANGELES, CAL.



CALLAS IN BLOOM, JOHNSON & MUSSEY SEED COMPANY'S FARM, MONTEBELLO



1893=1903

Tenth Anniversary Catalogue

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Johnson & Musser Seed Co.

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Prefaced by
Some Valuable Information
as to

Where the Best Seeds are Grown



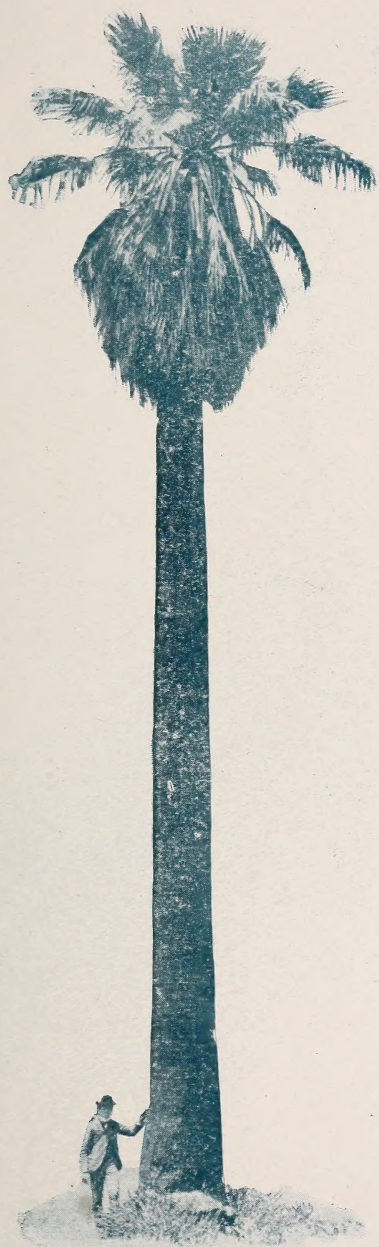
SHE sits among her orange-trees,
Our Lady of Los Angeles,
The shining city of the sun,
And counts the seasons as they flee,
Like beads from off a rosary,
That slip and sparkle, one by one.

Upon the outer solitudes
The demon of the desert broods,
The ocean chafes and murmurs near;
But safe within her garden wall
She hears these ancient foemen call,
With tranquil, inattentive ear.

At close of day from yonder height
I saw her robed in evening light,
One white star like an opal showing;
Her roses drooped in slumber sweet,
But oh, the lilies at her feet
Upheld their censers overflowing.

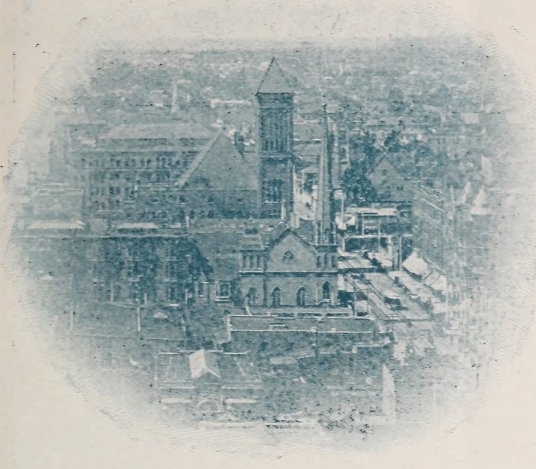
"Tell me," I said, "O city fair,
What dreams pervade this sunset air,
What memories stir this purple splendor?
For surely magic worketh here,
And in the stillness I can hear
Reverberations wild, yet tender."

FRANCES LAUGHTON MACE.



Where
the
Best
Seeds
are
Grown





LOS ANGELES

IN presenting this, our tenth annual catalogue, to our customers, we have concluded to depart from the conventional form of introduction, filled with fulsome praise of self. In its place, we are giving a short exposition of the advantages of California as a seed-growing state, in which we shall show that the climate and soil are such as to produce to perfection the bulb or seed of nearly every plant the various climes of the earth bring forth.

Ten years ago, realizing that the seed business of California was yet in its infancy, we located our business in Los Angeles, a city delightfully situated in the most beautiful and favored section of the State.

No country in the world has so great a diversity of soil as Southern California. When the mountains were upheaved, and the beds of the Pacific assumed their present formation, the land afterwards named California was left with the steepest declivities on the continent. Authorities say that the range of the Sierras was once a mile greater in altitude than at the present time. This phenomenal change of levels has given the few large valleys of the state a wonderful variety of soil. It ranges from deposits of untold depths and fertility, rivaling those of the Nile, to soils light and friable as those of the Sahara. Some of these formations antedate the Delta of the Mississippi, others have been formed since the discovery of the country, but all are vivified by the same abundance of sunshine, and moistened both from the skies and everlasting hills of forest and stream.

Then again, Southern California has an ideal climate, midway between the humid heat of the tropics and the icy blasts of the north. It is a peculiar climate of which, perhaps, no other section of the world has a duplicate; hence, it is little understood by Eastern people who have never been here, or those who have only visited us during the winter months. When these seek the welcome shade of a spreading tree at New Year's, they naturally say, "How awfully hot it must be in summer." And it is almost impossible to make them believe that the summer temperature in Los Angeles is far—very far—more endur-



FIELD OF SWEET PEAS IN BLOSSOM



A FIELD OF GLOBE DANVERS ONION

able and pleasant than that of any place east of the mountains. Indeed, many summer visitors, who have just arrived from the sweltering Eastern cities, have remarked, "You should advertise this place as a summer as well as a winter resort."

With such conditions of soil and climate, California stands alone as an agricultural state. The average land is marvelous in its possibilities, and that of Southern California, unparalleled in its diversity and adaptability to the entire range of agricultural products. Pine-apples and barley, oranges and apples, grasses from the north and palms from the south, exotic and native, lately acclimated and long habituate—all are grown together as nowhere else in the world. Every vegetable and flower grows to perfection, and with all its diversities of products, Southern California is the only section where crops can be harvested under clear skies for eight months of the year, and whose winter crops are so little subject to the contingencies of temperature and rain.

Owing to the long season for curing, California seeds are the best matured and therefore the healthiest and most vital seeds in the world. Then, too, they are gathered from plants which are raised under such exceptional conditions as to soil and climate as to produce only specimens which are hardy and robust, and when the crop is rogued and harvested by the careful grower, we assert without fear of successful contradiction that California seeds are "the best that grow."



FIELD OF SEED RADISH IN BLOSSOM

Two Eastern seedsmen, of unquestioned integrity, have verified this statement by prophecy and recent admission. In 1882, Peter Henderson of New York said, "I am certain that California before fifty years will be the great seed and bulb growing country of the world. You have the exact conditions necessary to grow seeds."

Quite recently, in the Los Angeles Herald of June 15th, 1900, Mr. W. Atlee Burpee, of Philadelphia, is quoted as saying: "We depend almost wholly on California for seeds, you know; 99 per cent. of all Lettuce seed comes from California, and 99 per cent. of all Lima Beans. You know nine-tenths of all the Onion seed used in the United States is grown in California."

We might further give the names of all the principal seedsmen of the East as now buying or growing heavily in California. But figures speak louder than words, so to show the extent of the seed production for 1902, we give the following statistics: The quantity of Onion seed produced was 700,000 pounds; Lettuce, 200,000 lbs.; Carrot, 250,000 lbs.; Spinach, 150,000 lbs.; Radish, 100,000 lbs.; Celery, 25,000 lbs.; Salsify, 20,000 lbs.; Tomato, 10,000 lbs. Quantities proportionately as large were produced of Leek, Endive, Kale, Kohl Rabi, Mustard, Okra, Parsley, Parsnip and Pepper.

Carload after carload of Beans were shipped East exclusively for seed purposes, as nearly all the Pole and Lima Beans used in the United States are now produced in California. Our seed Peas are also growing in favor, and last season many carloads were shipped to various parts of the country. They are free from bugs, finely matured, and in every way superior to those grown elsewhere. As to Flower Seeds, all the finest varieties are produced in abundance. One can realize the magnitude of this crop when we simply mention the fact that five hundred acres were devoted to Sweet Peas alone, its production aggregating 350,000 pounds.

The above mentioned facts speak for themselves, and yet it may be that there are native farmers who were unaware that nearly all seeds are produced in this glorious State of ours;—so accustomed have they become to accepting offhand the statements of deceptive and sensational Eastern catalogues. Naturally, the critical planter prefers to buy from first hands or growers only, and as we belong pre-eminently to that class, we respectfully solicit your patronage.

Very truly yours,

JOHNSON & MUSSER SEED CO.



A ROW OF KENTUCKY WONDER WAX BEANS, SHOWING PRODUCTIVENESS

SPECIAL INTRODUCTIONS

FOR 1903



THE KENTUCKY WONDER WAX BEAN

The merits of the old Kentucky Wonder pole bean are well known. We now introduce a variety having all its superb qualities except that it is of a beautiful transparent yellow color.

In saying that this bean is even more prolific than its green-podded namesake, we do not overstep the bounds of truth. It commences to bear when scarcely higher than the average bush variety and keeps on producing until killed by frost. In some comparatively frostless districts it has continued in bearing from June to December. The illustration on the next page shows the height of the vine and its enormous productiveness.

It is a rampant grower, one vine filling a pole with a mass of vines densely loaded with luscious beans, almost a solid mass of pods from bottom to top.

The pods are so fleshy that they are frequently greater in thickness than width. They are solidly meaty, entirely stringless and when cooked deliciously rich and buttery.

The seed is brown, closely resembling that of the Kentucky Wonder.

Per pkt. 10c., per lb. 30c.

THE CALIFORNIA EXTRA EARLY PEA

The distinctive merits of the California Extra Early Pea over all other varieties is its extreme earliness combined with its abundant production of immense pods, each filled with from 6 to 10 true, large, wrinkled peas of the most delicious flavor—as large, as sweet and as tender as the finest late wrinkled Pea grown.

The vine is of vigorous, robust growth, about 2½ feet high, heavy-stemmed with luxuriant healthy foliage; it bears uniformly large, handsome pods of large and luscious peas, and although it commences bearing so very early it continues for a long time; the peas also remain sweet and tender for some time after they are fit to pick.

Per pkt. 10c., per lb. 30c.

The Santiago Melon

This is a new variety, having many of the good qualities of the well known Chilian and like it is an introduction from South America. It is a large, long, heavy melon; rind dark green with stripes of black. The flesh is deepest red and solid throughout, the edible portion extending to within half an inch of the skin. The rind is very hard and it makes a good shipper. The seeds are small and vary in color. Per oz. 15c., per lb. \$1.50.



Yellow-Fleshed Ice Cream Watermelon

This melon is already well known in the Los Angeles market where its popularity is so great that the supply has never equalled the demand. It resembles no other yellow-fleshed melon, either in quality or appearance. It grows to a very large size, is long in shape and the rind an even dark green. In quality it is simply delicious, sugary and of a rich flavor peculiar to itself. Entirely void of all fibrous substances, the sweet flesh truly melts in the mouth like so much ice cream. Per oz. 20c., per lb. \$2.00.



Early Magenta Turnip Radish

The best early turnip radish, of extremely quick growth, maturing in about three weeks. The leaves are very short, the skin is of a particularly attractive color, resembling Old Burgundy wine. It is of a very superior flavor, crisp and tender. Per oz. 10c., per lb. 80c.

THE EARLY MONTEBELLO TOMATO



This fine new variety combines more good qualities than any Extra Early Tomato ever introduced. It is from two to three weeks earlier than any other smooth kind, and is as large and as fine and solid as the best late sorts. It is wonderfully productive, the vines being literally covered with fruit. The color is dark red and the vines make a slender and compact growth. The fruit is of excellent quality and contains very few seeds, which is one of the reasons that genuine seed stock for planting will always be high-priced. Don't fail to try it in your garden this season as it will be sure to give you satisfaction, and supply your table with tomatoes of the finest quality almost the year round. Per pkt. 10c., per oz., 50c., per lb. \$5.



THE JUPITER NASTURTIUM

"As beautiful as an Orchid," has been remarked of this magnificent flower, the precursor of a new race of giant Nasturtiums. The plants are very strong and vigorous with large dark green foliage. The great, rich pure yellow flowers measure three and a half inches across. The petals are large—one and a half inches in diameter, they overlap and are exquisitely and deeply crinkled like crepe. Per pkt. 10c.

The GOLDEN POPPY

This magnificent golden-yellow flower attracted much attention in Los Angeles last summer when it was featured by a number of leading florists. The flowers are as large and beautiful as those of the giant cosmos, but attain a beauty of coloring never seen in that flower. They are easily grown and should be in every garden. Price per packet, 10c.



GENERAL LIST

—OF—

RELIABLE VEGETABLE SEEDS

Our seeds have proven much more satisfactory in California and the Southwest than those purchased from Eastern seedsmen, because we have labored to select only those varieties which thrive best in this section. From the following list we have eliminated everything that is worthless and out of date, and have avoided misleading descriptions and offering the same sorts under different names—a favorite trick of sensational seedsmen, who desire to swell their catalogues.

The new varieties occasionally listed have all been submitted to careful tests and may be relied upon to give perfect satisfaction. The directions for culture here given are applicable only to Southern California, Arizona, Mexico and other semi-tropical localities.

SEEDS IN PACKETS—All vegetable seeds except Cauliflower, are put up in five-cent packets, which are liberally filled, and just as fresh as our bulk seeds. We send these by mail prepaid at 25 cents per half dozen, 50 cents per dozen, or twenty-five for \$1.



GLOBE ARTICHOKE

ARTICHOKE

The Globe Artichoke is cultivated for its flower heads, which are cooked like asparagus. Plants set in any good garden soil 2 feet apart will remain in bearing a long time.

Large Green Globe—The standard variety. Per oz. 30c., $\frac{1}{4}$ lb. \$1., per lb. \$3.50.

ASPARAGUS

CULTURE—One ounce for 60-foot row. Soak seed for 24 hours in warm water, and sow thinly in rows 1 foot apart. Thin out seedlings to 4 inches in rows. When the roots are one year old, prepare a bed of manure and soil about 2 feet deep. Set out roots 6 inches below the surface, and 12 inches apart. Plant in early Spring, from January to April. In the Fall, dress with manure and salt after tops are cut.

Palmetto—Rapid grower; immense stalks; keeps well. Per oz. 10c., per lb. 75c.

Conover's Colossal—Of large size and great productivity. Per oz. 10c., per lb. 40c.

Columbian Mammoth White—Furnishes white shoots without artificial blanching. Per oz. 10c., per lb. 75c.



PALMETTO ASPARAGUS

BRUSSELS SPROUTS

CULTURE—Treat same as Cabbage.

Dwarf Improved—Produces on the stem compact sprouts resembling miniature cabbages. A delicious vegetable. Per oz. 15c., per lb. \$1.50.

BEANS

GREEN POD DWARF SNAP BEANS

CULTURE—Beans can be sown for succession from the end of February to October. One pound plants 100-foot row. Drop one bean every two or three inches in rows 18 inches apart. Cover 2 inches deep.



New Stringless Green Pod—It is absolutely stringless, which can be truthfully said of no other green podded bean. Another meritorious feature is its extreme earliness; it is fully two weeks earlier than the Extra Early Valentine and quite as early as the Yellow Six Weeks, but far superior to either in quality. The pods average $5\frac{1}{2}$ inches in length, are nearly round, slightly curved, light green in color and very tender; they remain long in edible condition and even when the beans are large, the pods are not stringy. Per lb. 20c., per 100 lbs. \$15.00.

Long Yellow Six Weeks—Very hardy and extremely early. The most popular variety in this section. Per lb. 15c., per 100 lbs. \$8.00.

Canadian Wonder—The most productive of all. Very showy, an excellent bean for main crop. Per lb. 15c., per 100 lbs. \$11.00.

Early Mohawk—An old standard sort, very hardy. Per lb. 15c., per 100 lbs. \$10.00.

Early Refugee—A favorite for canning and pickling. Per lb. 15c., per 100 lbs. \$10.00.

Dwarf Horticultural—Good as a snap or shelled bean. Per lb. 15c. per 100 lbs. \$10.00.

Improved Red Valentine—An improvement on an old favorite, the Early Red Valentine, being 10 days earlier and more prolific, yet retaining all its good points. Per lb. 15c., per 100 lbs. \$9.00.

Burpee's Bush Lima—A perfect dwarf Lima Bean. Quality equal to any pole variety. Per lb. 15c., per 100 lbs. \$9.00.

Henderson's Bush Lima—Smaller than Burpee's, but earlier and very prolific. Per lb. 15c., per 100 lbs. \$9.00.



CANADIAN WONDER BEAN

SNAP BEANS—WAX OR YELLOW POD



VENTURA WONDER WAX

VENTURA WONDER WAX—This is the absolute perfection of wax beans. Pods are long, straight, oval and transparently white, often growing to a length of nine inches. Entirely stringless and of fine flavor. It is more productive than any other wax bean, and the bush is extremely hardy. Per lb. 15c., per 100 lbs. \$10.

Wardell's Kidney Wax—One of the earliest wax beans, very brittle and stringless. Per lb. 15c., per 100 lbs. \$10.

Improved Golden Wax—The standard sort for main crop. Pods long and stringless. Per lb. 15c., per 100 lbs., \$10.

Black Wax—Tender, yellow, waxy pods, an old favorite. Per lb. 15c., per 100 lbs. \$10.

Scarlet Flageolet Wax—An excellent golden-podded dwarf bean. The pods are large and borne profusely, and are stringless, tender and of fine flavor. Per lb. 15c., per 100 lbs. \$10.

POLE BEANS

CULTURE—Plant from March to July, in hills 3 feet each way, 4 or 5 beans to a hill. One pound will plant 75 hills, 30 lbs. one acre.

Lazy Wife—The green pods are wonderfully thick, fleshy, and above all stringless. Retain their rich, tender qualities until they are ripe. Per lb. 15c., per 100 lbs. \$9.00

Kentucky Wonder—Very early and enormously productive. The best green-podded pole bean. Per lb. 15c., per 100 lbs., \$9.00.

Creaseback—Pods round, stringless, and of excellent quality. Per lb. 15c., per 100 lbs. \$9.00.

Tall German Black Wax—Yellow pods, richly flavored, stringless. Per lb. 15c., per 100 lbs. \$9.00.

White Dutch Case Knife—Very early and productive. Good either as a string or shell bean. Per lb. 15c., per 100 lbs. \$9.00.

Horticultural or Cranberry—An old favorite for string or dried bean. Per lb. 15c., per 100 lbs. \$9.00.

Large White Lima—The best shell bean known either green or dried. A splendid productive sort. Per lb. 15c., per 100 lbs. \$8.00.

King of the Garden Lima—Beans of unusual size, quality perfect. Per lb. 15c., per 100 lbs. \$9.00.

BEETS—TABLE



EDMUND'S EARLY TURNIP }

CULTURE—Sow from January to September in drills 18 inches apart, 1 inch deep. Thin plants afterwards to 6 inches apart. One ounce of seed will plant a 75-ft. row.

Extra Early Egyptian—The most popular early variety. It is turnip-shaped and when young is crisp and tender. Dark red in color. Per oz. 10c., per lb. 50c.

Eclipse—Nearly as early as above. Has very small top; smooth, fine grained and tender. Per oz. 10c., per lb. 50c.

Early Blood Turnip—Extra early, of deep large growth; flesh very tender, and retains its blood-red color when cooked. Per oz. 10c., per lb. 50c.

Edmund's Early Turnip—One of the most uniform of all turnip beets; very tender and sweet; skin deep red; flesh dark red. Per oz. 10c., per lb. 50c.

Early Bassano—An old variety. Flesh white and rose. Grows to a good size. Leaves used for greens. Per oz. 10c., per lb. 50c.

Bastian's Early Red—Early, large, fine turnip form and bright red color. An old favorite. Per oz. 10c., per lb. 50c.

Half-Long Blood—A good second early sort. One of the best keepers. Per oz. 10c., per lb. 50c.

Long Dark Blood—Long, smooth, growing to good size; color, dark blood-red; top small, of upright growth. Per oz. 10c., per lb. 50c.

Queen of the Blacks—A beautiful, smooth beet. Darker in color than any other sort. Per oz. 10c., per lb. 75c.

White Swiss Chard—Grown for its leaves only. One of the best early greens. Per oz. 10c., per lb. 50c.



QUEEN OF THE BLACKS

BROCCOLI

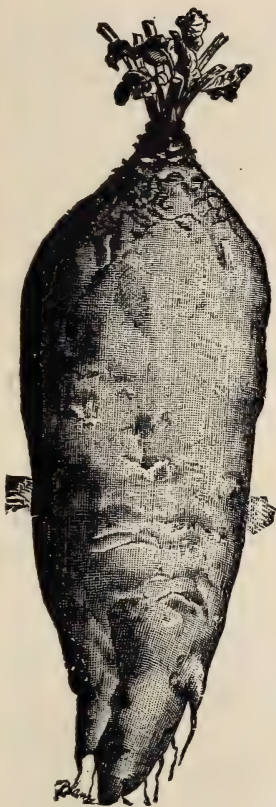
CULTURE—Treat same as cauliflower.

Early Purple Cape—Resembles cauliflower, but is hardier and more easily grown. Heads purplish-brown in color, always close and compact. Fine flavor. Per oz. 30c., per lb. \$3.00.

BEETS—STOCK

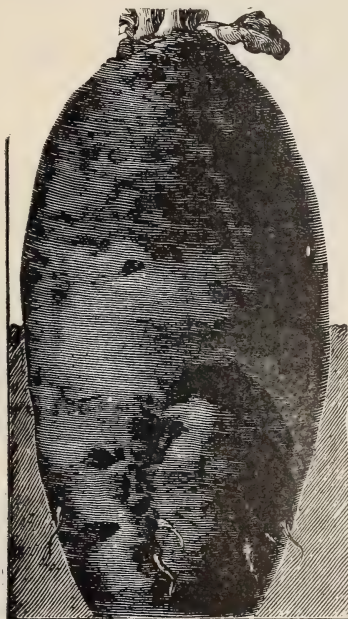
CULTURE—May be sown from October to May, in drills 2½ feet apart. Thin out to stand 1 foot apart in the rows. Keep well cultivated; 5 pounds of Mangel or 10 pounds of sugar beet seed will plant an acre.

Mammoth Long Red Mangel—The largest and best producing stock beet. Yields 20 to 30 tons to the acre. All stock except horses eat it readily. Per lb. 20c., per 100 lbs. \$14.



MAMMOTH LONG RED

Yellow Globe Mangel—Easily harvested and a splendid keeper. Similar in good qualities to the Golden Tankard. Per lb. 20c., per 100 lbs. \$15.



GOLDEN TANKARD

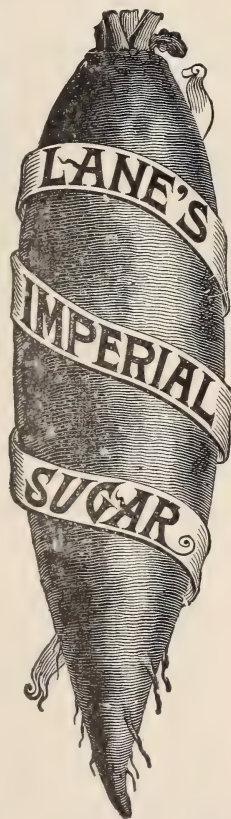
Lane's Imperial Sugar—The heaviest cropping Sugar Beet, and the most profitable for stock farmers. Per lb. 20c., per 100 lbs. \$14.

Vilmorin's Improved Sugar—One of the richest and best varieties, both for the manufacture of sugar and for stock feeding. Per lb. 20c., per 100 lbs. \$15.

Klein Wanzleben—This variety is without question the best in cultivation. Not the largest in size, but the richest in saccharine matter. Per lb. 20c., per 100 lbs. \$15.

Improved Imperial White Sugar—An improvement on the large varieties of Sugar Beets; hardy and more sugary. Per lb. 20c., per 100 lbs. \$15.

Golden Tankard Mangel—Contains less water and more sugar than any other Mangel. Rich in milk-producing qualities, hence a favorite with dairymen. Horses will eat it. Per lb. 20c., per 100 lbs. \$15.



If by mail add 10c. per lb. to above prices.

CABBAGE

CULTURE—The ground must be highly manured, deeply dug and plowed, and thoroughly worked to insure good, full sized heads. Seed of early varieties may be sown from June to the following February; late varieties from March to July. As soon as plants are large enough, transplant in open ground, 18 inches by 2 feet apart. One ounce will produce 3000 plants; $\frac{1}{4}$ pound of seed is sufficient for an acre.

SPECIAL NOTICE—We observe that a certain ancient Eastern seed house is offering Late Flat Dutch Cabbage under twelve different names, "Imported," "Long Island," "Premium," "Low Dutch," "Doomsdale," "St. Louis Market," "Gardener," "Standard," etc., etc. Beginning at "Imported," the price is quoted the cheapest. Then for the other eleven sorts, this said house advances the price higher and higher until the fanciest titled sort is quoted at two or three times the price of the cheapest kind. Those who know, are aware that the seed of all these twelve varieties is taken out of one and the same bag. It is the old game, "you pay your money and take your choice." We do not resort to any such method to catch an additional dollar from our customers; we offer our seed by one—the true—name only, and make our price reasonably low for first-class goods.

Early Winnigstadt, Improved Quedlinburg Strain—A superb strain of this popular cabbage, and one that has given perfect satisfaction to our market gardeners for the last five years. Sure to head hard and solid. If desired we can give numbers of good references as to great superiority of this seed, which is sold in this city only by ourselves. Per oz. 20c., per lb. \$2.



WINNIGSTADT CABBAGE

Hollander—The heads of this valuable new sort are of medium size, very solid and deep, averaging 8 pounds of a fine white color, making them entirely distinct from any other strain. Per oz. 20c., per lb. \$2.

Early Jersey Wakefield—A popular first early sort with Eastern gardeners. Does not do so well here as the Winnigstadt. Per oz., 15c., per lb. \$1.50.

Fottler's Improved Drumhead—The earliest of the large Drumheads. Per oz. 15c., per lb. \$1.50.

Premium Large Late Flat Dutch—The standard sort for late crop. A hard, sure header. Per oz. 15c., per lb. \$1.50.

American Drumhead Savoy—The best of all the Savoy. Short stump, large size, solid. Per oz. 15c., per lb., \$1.50.

Improved Red Drumhead—Heads round in shape, of deep color and remarkably hard and solid, Per oz. 15c., per lb. \$1.50.

All Seasons—An early Drumhead variety, producing heads of good size. In richness of flavor it is unsurpassed. Per oz. 15c., lb. \$1.50.

Winnigstadt—Heads large, conical; leaves are bright grassy green. A sure heading variety, valuable not only for early use, but as a winter cabbage. Per oz. 15c., per lb. \$1.50.

Early York—Very early. Small heartshaped heads. Per oz. 15c., per lb. \$1.50.



PREMIUM LATE FLAT DUTCH CABBAGE

CAULIFLOWER

CULTURE—Prepare the soil as for cabbage. Seed may be sown from June to following April. Set out the plants 2 feet by 15 inches apart. Cauliflower should be kept growing constantly, as it may be injured by a check at any period of its growth; hence, irrigate freely. One ounce of seed produces 2000 plants, 4 ounces to the acre.

Henderson's Early Snowball—Very early and one of the surest to head. It has long been the standard sort. Per pkt. 25c., per oz., \$2.50.

Extra Early Erfurt—Very dwarf, with solid white heads of superior quality. Per pkt. 20c., per oz. \$2.

Lenormand's Short Stem—A large, late variety with well formed heads of extra quality. Per pkt. 10c., per oz. 75c., per lb. \$8.

Autumn Giant—Heads large, firm and compact, and thoroughly protected by foliage. Per pkt. 5c., per oz. 75c., per lb. \$8.



IMPROVED ALGIERS.

Improved Algiers—The best late sort. Sure heading. We think it the best variety for main crop in this section; it has proven popular with market gardeners for eastern shipment. Per pkt. 10c., per oz. \$1, per lb. \$12.

California Mammoth Market—A distinct variety which has long been grown in preference to any other sort by our Chinese gardeners. In fact, they have only resorted to other varieties when out of this. They have jealously guarded their source of supply and it was only recently that through our close friendship for one of them we were enabled to obtain a limited quantity of the seed. It is a very large, hardy variety of good quality, and seems to stand shipment better than any other sort. No other Cauliflower stands our long dry season so well. Per pkt. 10c., per oz. 75c., per lb. \$7.50.

CHERVIL

Curled—While young and tender, used as a salad and for seasoning soups, etc. Of a pleasant aromatic taste. Sow in drills one foot apart and half an inch deep, thinning out to stand one foot apart in the rows. Per oz. 10c., per lb. \$1.

COLLARDS

Georgia or Silver—Grown extensively in the South for greens; a sure and easy crop. Per oz. 10c., per lb. \$1.

CRESS OR PEPPER GRASS

CULTURE—Sow the Curled Cress at intervals early in the spring in shallow drills 12 inches apart. Cress requires a rich soil. The Water Cress should be sown in the spring along the edge of irrigation ditches, flowing streams, or where sufficient moisture is afforded. Only one sowing is necessary, as it reseeds itself and increases rapidly.

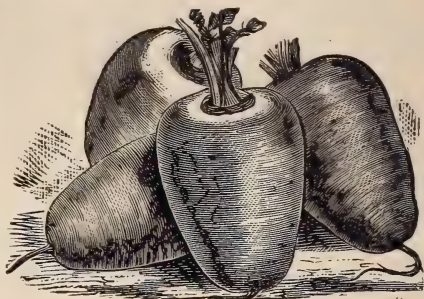
Curled—When used as a small salad, like lettuce, the leaves impart a warm, pungent taste. Per oz. 10c., per lb. 50c.

Water Cress—One of the most delicious of small salads, and should be grown in every garden where sufficient water or a wet soil is available. Always in demand in the city markets. Pkt. 10c., oz. 35c.

CARROTS

CULTURE—May be sown all the year round. Till the soil deeply and manure heavily. Cover seed from $\frac{1}{2}$ to 1 inch in depth. Sow in drills 15 inches apart and thin out to 4 or 5 inches apart in the rows; $2\frac{1}{2}$ pounds of seed will sow an acre, $\frac{1}{2}$ ounce to 100 feet of drill.

Guerande or Ox-Heart—Beautiful shape and color. It is extra fine in quality and very productive. Per oz. 10c.; per lb. 75c.



GUERANDE OR OX HEART

Early French Forcing—A small sort, but desirable on account of its extra early habit. Per oz. 10c., per lb. 75c.

Danvers—The roots are smooth and of a rich, dark orange color. One of the best sorts for a main crop. Per oz. 10c., per lb. 60c.

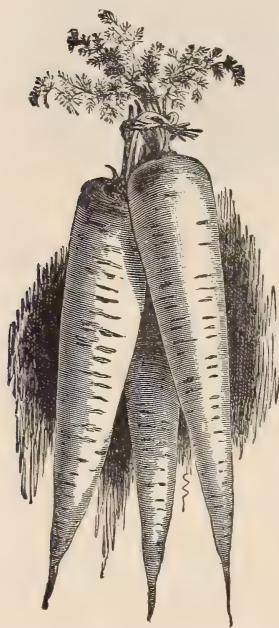
Chanteney—Flesh a deep golden orange color. Always smooth and fine in texture, very tender. Per oz. 10c., per lb. 60c.

Long Red Coreless—Grows from 12 to 16 inches in length. Rich red color. Per oz. 10c., per lb. 60c.

Improved Long Orange—A deep orange-colored variety, equally adapted for garden or farm culture. Per oz. 10c., per lb. 50c.

Large White Belgian—Is raised exclusively for stock. Grows to a very large size; is easily gathered. Per oz. 10c., per lb. 40c.

Large Yellow Belgian—Is similar to the above, but a light orange color; said to be richer. Per oz. 10c., lb. 40c.



LONG ORANGE CARROT

CHICORY

Common or Wild—This variety produces the "Barbe de Capucin," a salad much used in France. Sown in June, the roots are transplanted in autumn into sand in the cellar; the shoots, which will come up soon, form the "Barbe de Capucin." Per oz. 10c., per lb. \$1.

Large Rooted—The roots, dug in the fall, dried, cut in thin slices, roasted and ground, are used largely as a substitute for coffee. Seed should be sown quite thinly in shallow drills early in the spring. When well started thin out to stand two or three inches apart in the row and give good cultivation all summer, so that the roots may grow as large as possible. Per oz. 10c., per lb. 90c.

CORN—SWEET

CULTURE—Plant from March to June, in drills $3\frac{1}{2}$ feet apart and 12 inches apart in the rows. A pound of seed will plant 100 hills, 18 lbs. an acre.

COUNTRY GENTLEMAN—The most delicious of all sweet corns. The ears are somewhat smaller and less showy than the coarser varieties, but for private family use, where quality is preferred to size, it has no equal. The cob is very small, giving great depth to the kernels. The great merit of "Country Gentleman" is its fine quality. Time of ripening a little later than Stowell's Evergreen. Per lb. 10c., per 100 lbs. \$8.

Stowell's Evergreen—The most popular of all. If planted at the same time with earlier kinds, will keep the table supplied till October. It is hardy and productive, very tender and sugary, remaining a long time in a fresh condition suitable for cooking. Per lb. 10c., per 100 lbs. \$7.

Adam's Extra Early—The hardiest and earliest variety for table use; can be planted earlier than any other, but is not a sweet corn; white indented grains and short ear. Per lb. 10c., per 100 lbs. \$5.50.

Old Colony—A sweet, tender sort, with large, handsome ears, 16 to 20 rowed. A selection of evergreen type; it is one of the most productive of all Sweet Corns. Per lb. 10c., per 100 lbs. \$7.

Extra Early Cory—The earliest variety. Small, but of good quality. Per lb., 10c., per 100 lbs. \$7.

Early Minnesota—An excellent sweet corn of extra early habit. Per lb. 10c., per 100 lbs., \$7.

Early Crosby—Second early. Remarkably productive grower with good-sized ears. Per lb. 10c., per 100 lbs. \$7.

Early Mammoth—Produces larger ears than any other early sort. Per lb. 10c., per 100 lbs. \$7.

Late Mammoth—One of the finest varieties for main crop. Good quality, very productive. Per lb. 10c., per 100 lbs. \$7.

Black Mexican—One of the best sweet corns for this section. Deliciously sweet and tender, and very productive. Per lb. 10c., per 100 lbs. \$7.

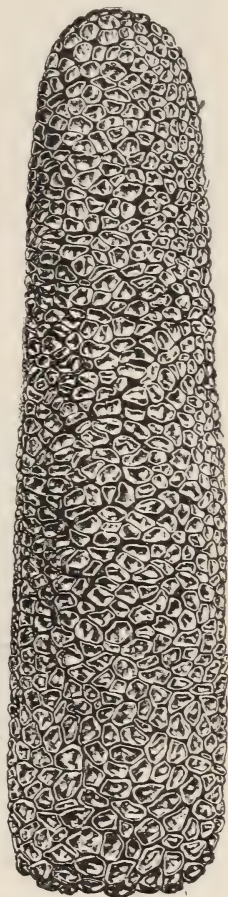
Sweet Fodder Corn—A poor grade of Evergreen used for soiling and green fodder. Per lb. 5c., per 100 lbs. \$4.

Description and prices of field corns on page 42.

CORN SALAD OR FETTICUS

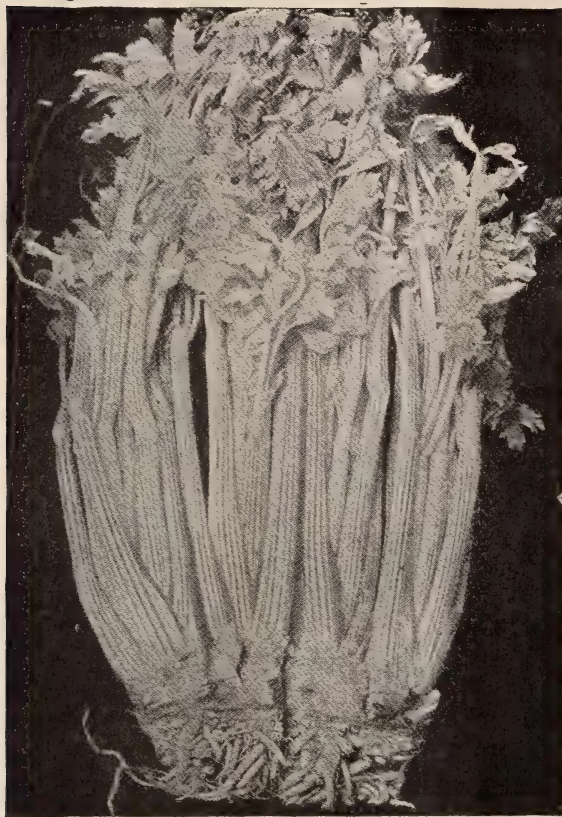
A vegetable used as a salad. It is sown on the first opening of spring, in rows one foot apart, and is fit for use in six or eight weeks from sowing. If wanted in early spring, sow immediately after fall rains. Can also be grown in cold frames.

Large Leaved—Per oz. 10c., per lb. 60c.



COUNTRY GENTLEMAN

CELERY



DWARF GOLDEN SELF-BLANCHING CELERY

Dwarf Golden Self-Blanching—Genuine French grown seed imported direct from the original introducer.

So many of our Celery Growers have been disappointed in past seasons in their crops grown from the seed of this variety, that we determined to secure the best seed, regardless of price, for those who wish to have it. We therefore sent to Paris, France, to the originator of the **Dwarf Golden Self-Blanching Celery**, and have secured from him fifty pounds of this seed—all that he could spare us. If obtained in its original purity, this is the best Celery in the world.

It is of dwarf habit and very stocky; stalks uniform in height, growing very compactly, the color of the stalks and leaves being a rich golden-yellow. No other variety equals it in quality; it is solid, tender, crisp, and rich in flavor. Pkt. 10c., per oz. 40c., per lb. \$5.

Improved White Plume Celery (French-Grown Seed)—We

have also secured from the French grower mentioned above a limited quantity of **IMPROVED WHITE PLUME CELERY SEED**. Those who are desirous of growing a superior strain of this well known variety will do well to try it. Price per pkt. 10c., per oz. 30c., per lb. \$3.

Golden Self-Blanching (California Grown)—For early use, preferred by many to all other sorts; as self-blanching as White Plume and simply needs a slight earthing up. Per oz. 20c., per lb. \$2.

Select White Plume (California Grown)—Its stalk, inner leaves and heart are naturally white, so that simply tying or drawing the soil up against the plant and pressing it is all the work or blanching required. Per oz. 15c., per lb. \$1.50.

PINK PLUME CELERY—The "Pink Plume" is practically identical with "White Plume," but with the added merit of the stalks being exquisitely suffused with pink. Per oz. 20c., per lb. \$2.

Dwarf Golden Heart—A distinct variety of sturdy dwarf habit. It is solid, an excellent keeper, and of fine, nutty flavor. Per oz. 15c., per lb. \$1.25.

Flavoring Celery (Old Seed)—Used for flavoring soups, pickles, etc. Per oz. 5c., per lb. 40c.

Celeriac or Turnip-Rooted Celery (Apple Shaped)—An early smooth variety. The roots are shaped like an apple; of good flavor. Per oz. 15c. per lb. \$1.25.

CUCUMBER

CULTURE—Plant from March to June in hills 4 to 6 feet each way, 8 or 10 seeds in a hill. Cover half an inch deep. When danger of insects is past, thin out the plants leaving 3 or 4 of the strongest in each hill. One ounce of seed will plant 50 hills; 2 pounds to the acre.

Cumberland—The best pickling cucumber. This splendid variety has just been introduced by the largest and most experienced grower of Seed Cucumbers in the world. He describes it as follows:

"The variety is of the hardy, white spine type, is a rapid, strong and vigorous grower and very prolific in fruit.

"The pickles differ from all other hardy sorts in being thickly set with fine spines over the entire surface, except the extreme stem-end; and during the whole period of growth, from the time they first set until fully grown, the form is exceptionally straight and symmetrical, thus being as choice as a slicing variety as it is for pickles.

"The flesh is firm, but very crisp and tender at all stages.

"We offer it in confidence that it will please our customers in every particular."

Per oz. 30c., per lb. \$4.

Improved Long Green—Dark green, firm and crisp, 12 to 16 inches long. Most extensive grown. Per oz. 30c., per lb. \$3.

Early Frame—Excellent variety for table use; tender and well-flavored. Keeps green longer than any other variety. Per oz. 30c., per lb. \$3.

CALIFORNIA PICKLING—Extra early and immensely prolific. Fine form and good color. The best variety for pickling. Per oz. 30c., per lb. \$3.

Extra Early White Spine—Uniformly straight and smooth; very early. One of the best sorts for either pickling or table use. Per oz. 30c., per lb. \$3.

Nichol's Medium Green—The young fruit is symmetrical in shape, deep in color and very crisp. An excellent variety for pickling. Per oz. 30c., per lb. \$3.

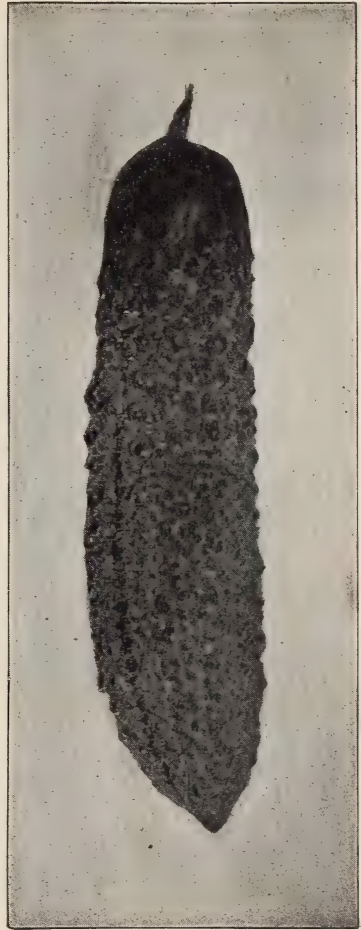
Cool and Crisp—One of the best early varieties for slicing. In quality unequaled. Per oz. 30c., per lb. \$3.

Early Cluster—Vines vigorous, producing bulk of the crop near the root, and in clusters. Per oz. 30c., per lb. \$3.

Giant Pera—Is remarkably crisp and tender at almost any stage of growth. The seed cavity is very small and seeds so slow to form, that even large cucumbers, 12 to 15 inches in length, are as firm and crisp as the smaller. Per oz. 30c., per lb. \$3.

Gherkin—A small prickly sort grown exclusively for pickling. Per oz. 30c., per lb. \$3.

SPECIAL NOTICE—The crop of Cucumber Seed was almost an absolute failure. In consequence, it is very scarce and the price unusually high. Our customers are advised to place their orders early.





PURPLE EGG PLANT

EGG PLANT

CULTURE—Plant seed in frames from March to June. After the weather becomes settled and warm, transplant in open ground 2½ feet each way. One ounce will produce 1000 plants.

New York Improved Large Purple Spineless—The finest variety. Fruit large, deep-colored and smooth, free from thorns. Flesh white, of excellent quality. Per oz. 35c., per lb. \$3.50.

WHITE PEARL—The fruit has a pure white skin, is beautiful in shape and as large or larger than the purple. The plants are enormously productive. Fine in quality and delicate in flavor; good either baked or fried. Per packet 10c., per oz. 40c., per lb. \$4.

ENDIVE

CULTURE—Seed may be sown any time during the year. When plants are well started thin out to ten inches apart in the row, or they may be transplanted to fresh rows. When plants have reached a good size, gather the leaves closely together and tie loosely in an upright bunch. This bleaches the inner leaves in about ten days and adds to the crispness as a salad, as it renders the flavor mild and delicate. One ounce will sow 100 feet of row; three pounds will plant one acre of land in rows three feet apart.

Green Curled—Leaves very finely cut or laciniated, giving the plant a rich, mossy appearance which is greatly enhanced when the centers are nicely blanched. Per oz. 15c., per lb. \$1.50.

White Curled—This is the most beautiful variety and does not need blanching to prepare it for use, the mid-ribs being a pale, golden-yellow, and the finely cut and curled leaves almost white. Per oz. 15c., per lb. \$1.50.



SCOTCH KALE

KALE

CULTURE—Seed should be sown thinly in drills about the middle of June for the tall sorts, transplanting the young plants to rows three feet apart in the field when of sufficient size. Later in the season the dwarf sorts may be sown rather thickly in drills or broadcast to furnish small heads to be cooked like spinach during the winter months. One ounce to 100 feet of drill.

Dwarf German Kale—German Greens or Sprouts. (Dwarf Curled Scotch Kale.) The leaves are curly, bright green, very tender, and delicate in flavor. Per oz. 10c., per lb. \$1.

Tall Green Curled Scotch—This makes a beautiful plant, about two and a half feet tall. Per oz. 10c., per lb. \$1.

KOHL RABI

CULTURE—Plant and treat like cabbage. Seed may be sown from July to following April. An ounce of seed will produce 2000 plants.

Early White Vienna—The earliest sort, very tender, excellent for table use. Per oz. 15c., per lb. \$1.50.

Early Purple Vienna—Similar to the above, but has flesh of purple color. Per oz. 15c., per lb. \$1.50.



KOHL RABI

LETTUCE

CULTURE—May be sown in California all the year round. Sow in open ground in rows, 1 foot apart and thin out plants to 1 foot apart in rows; or may be started in seed bed and transplanted. It requires rich, moist soil and clean cultivation. One ounce of seed will sow 125 feet of drill and produce 300 plants.



Head of Big Boston Lettuce, Improved.

Improved Big Boston—This is a pure and improved strain of Henderson's Big Boston Lettuce, one of the largest and best cabbage-headed varieties ever introduced. It is one of the finest of Lettuces in quality as well as in appearance. The head is full and compact, of a pale green color, slightly tinged with red on the edge of the leaves. Per oz., 10 cents; per lb., \$1.00.

Los Angeles Market—This is an extremely early variety. It stands hot weather, not running to seed, and forms round solid heads, which are light green outside, and within a beautiful cream-yellow; of a rich buttery flavor. Per oz., 10 cents; lb., \$1.

Improved Hanson—The most popular variety with market gardeners. In ground well manured and cultivated the heads grow to a remarkable size, resembling that of a flat cabbage, and so slow to run to seed that it often fails to form a seed stalk. Per oz., 10c; per lb., 80c.

California Cream Butter—Forms round, solid heads, which outside are of a medium green, slightly marked with small brown spots; within the leaves are of a very rich cream-yellow color. Per oz., 10c; per lb., 80c.

Early Curled Simpson—One of the best early sorts. The leaves tend to produce a large, loose head, beautifully crimped. Per oz., 10c; per lb., 80c.

Early Prize Head—Forms a mammoth head. Crisp and tender, of superb flavor and very hardy. Per oz., 10c.; per lb., 80c.

LETTUCE—(Continued)



Head of "Wonderful" Lettuce.

Wonderful Lettuce—A distinct and superior variety. The introducer says of it: "It is the largest heading lettuce we have ever seen, having been grown to six pounds in weight; the average size, however, with ordinary culture, is from 2 to 3 pounds. The heart is very solid, of pale green color, very tender and crisp, and without the slightest trace of the bitterness found in the majority of lettuces." Per oz., 10c.; per lb., \$1.00.

Grand Rapids—A loose headed sort, superior to and more beautiful in appearance than the Simpson. It is of rapid upright growth; standing several days after being ready to cut, without injury. Per oz., 10c.; per lb., 80c.

Iceberg—Large curly leaves of bright, light green, with a very slight reddish tinge at the edges. The unusual solidity of the heads is insured by the large, white main ribs of the leaves. Per oz., 10c.; per lb., 80c.

Buttercup—A good butter lettuce. The heads are good size, round and solid. The leaves are of a rich yellow color. Per oz., 10c.; per lb., \$1.

Early Tennis Ball—Compact head, hardy, excellent quality. Per oz., 10c.; per lb., 80c.

Paris White Cos—Upright, crisp and tender Cos Lettuces are becoming deservedly popular, and should receive the attention of all market gardeners. Per oz., 10c.; per lb., 80c.

MUSKMELONS

CULTURE—Plant from March to June in hills six feet apart each way. Sow 12 to 15 seeds in a hill, and thin out to 3 or 4 plants. Cultivate thoroughly and keep down weeds and bugs. One ounce of seed for 60 hills; 2 to 3 pounds to an acre.



California Beauty Muskmelon.

California Beauty—This grand extra early Muskmelon was introduced by us in 1898, but not until last season did it become the leading variety in the Los Angeles market. Our fruit dealers prefer it to any other sort, as its appearance sells it on sight, and its delicious flavor never disappoints the most fastidious customer. It is the largest extra early sort; skin, a beautiful russet green in color; flesh deep and thick, and a light green in color. It is very regularly ribbed and deeply netted. Per packet, 5c; per oz., 15c; per lb., \$1.50.

The Columbus—A green-fleshed melon for general crop, and is a heavy yielder. The vines are strong and thrifty; melons, if left on the vine a week after they are ready to pick, still retain their good quality. It is strikingly distinct in shape and color; is an excellent long-keeper. Its beautiful buff skin is covered with a very thick whitish netting. Almost entirely free from ribs. The flesh is solid and thick, even at the blossom end, leaving only a small seed cavity; can be safely shipped long distances. Its attractive appearance insures ready sales in any market. Per oz., 15c; per lb., \$1.50.

Paul Rose—A very heavy cropper, ripening an enormous number of fruits. The flesh is salmon-colored, very deep, and of fine melting character, with thin rind and small seed cavity. Per oz., 10c; per lb., \$1.00.

MUSKMELONS—(Continued)



Extra Early Hackensack.

Extra Early Hackensack—Round, well netted, and of large size; flesh green and thick; delicious flavor; beautiful in appearance. Per oz., 10c; per lb., \$1.00.

Large Hackensack—Sometimes called Turk's Cap. A large, round melon, flattened at the ends, and well ribbed. The skin is deeply netted. The flesh is green and of delicious flavor. The vine is a strong grower, and is very productive. An old standard melon, in favor with market gardeners. Per oz., 10c; per lb., \$1.00.

Montreal Market—Large size and delicious flavor. Often grows to a weight of 20 to 25 lbs. One of the best market sorts and a good shipper. Per oz., 10c; per lb., \$1.00.

Rocky Ford—Seed grown for us specially at Rocky Ford. It is a small, early melon, weighing $1\frac{1}{4}$ to $1\frac{1}{2}$ lbs. The flesh is deep and thick, and light green in color, except next the seeds, where it inclines toward yellow. The flavor is exceedingly fine. The skin is green, regularly ribbed and thickly netted. It is a firm, solid melon and will carry in perfect condition for a week or more after its removal from the vine. It is a heavy cropper, and is in wide favor as a market melon. Per oz., 10c; per lb., \$1.00.

Winter Pineapple or Cassaba—Introduced into California from Cassaba, Asia Minor. Its peculiar shape and corrugated skin is quite accurately shown in the cut. Rind very thin, of a rich yellow color tinged with green. Flesh firm, light green in color; delicious pineapple flavor. A wonderfully long keeper. Melons seldom ripen on the vine, but should be carefully picked off after first frost and stored like squashes in a dry cool place. Bring into a warm room for a few days previous to using. If carefully handled, they may be kept late in the winter. Many specimens weigh from 15 to 16 pounds. Per oz., 15c; per lb., \$1.50.



Cassaba—Long oval-shaped; skin very thin and delicate, flesh tender, rich and sweet. Per oz., 10c; per lb., \$1.00.

Miller's Cream or Osage—Flesh is a rich salmon color, very thick, sweet and melting. Per oz., 10c; per lb., \$1.00.

Netted Nutmeg—Highly scented flesh, thick, sweet and fine flavored. Per oz., 10c; per lb., \$1.00.

Emerald Gem—Flesh beautiful salmon color; the flavor is sweet and luscious. Per oz., 10c; per lb., \$1.00.

LEEK

CULTURE—The leek is considered by many superior to the onion as a flavoring for soups, stews, etc. Treat same as onions. An ounce will sow 100 feet of drill.

Large Carentan—The largest and best variety. Large, broad leaves; flavor very mild and pleasant. Per oz., 15c; per lb., \$1.50.

WATERMELONS

CULTURE—Treat same as Muskmelons, except to make hills 8 feet apart each way. A light sandy soil is best; it should be prepared deep, but receive shallow cultivation. An ounce of seed to 30 hills, or two pounds to the acre.



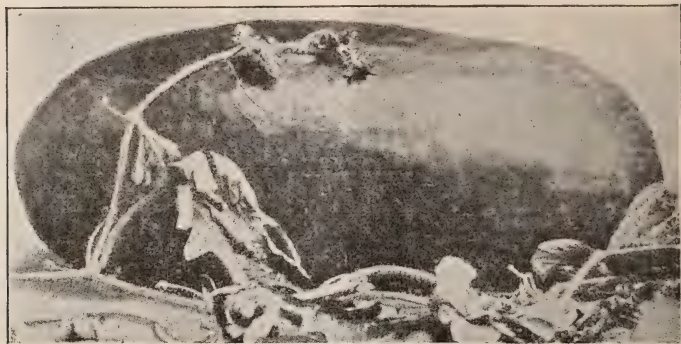
Chilian—For the past two seasons this melon has been the most popular variety in the Los Angeles market, although the supply has been very limited and the price correspondingly high. It was introduced in California from South America. The rind is very thin—not over a quarter of an inch in thickness—being a mere shell, yet so hard that it never cracks in shipping. The flesh is a deep crimson clear through, and extremely solid and crisp, never stringy. The seeds are white or nearly so. A distinct variety and decidedly the best ever introduced. Per oz., 10c; per lb., \$1.00.

Augusta Round White—The best extra early melon. Three weeks ahead of any other variety. In appearance and good qualities it resembles the Sweetheart and is almost as large in size, averaging 30 lbs. in weight. Its flavor is second to none; the flesh is a deep, rich red color and remarkably solid. Its handsome uniform appearance makes it an ideal market melon, hence it invariably commands a fancy price. Per oz., 10c; per lb., 75c.

Sweetheart—Introduced by us in 1897. One of the very best varieties for this section. The fruit is largely, oval, very heavy, uniformly mottled light and dark green. Ripens early and is very handsome in appearance. Flesh, bright red, firm, solid, very tender and sweet. Per oz., 10c; per lb., 60c.

Alabama Sweets—This is the most recent introduction in watermelons, and is at present the most popular variety in Texas and other Southern states. Its chief merit lies in its extreme earliness and delicious eating qualities. Texas truckers claim that it is at least two weeks earlier than any other sort, at the same time attaining a size which no other extra early melon has hitherto been able to equal. It is long; rind dark green in color; and the flesh a rich dark crimson, fine grained, never becoming "sandy" or "stringy." Per oz., 10c; per lb., \$1.00.

WATERMELONS—(Continued)



Kleckly's Sweets—It is the finest of all Watermelons for home use or near-by market. The vines are strong and vigorous, and the fruits grow uniformly to quite large size; oblong in form, eighteen to twenty inches long, and ten to twelve inches in diameter, rather tapering at the ends. The skin is a rich dark green, while the flesh is bright scarlet, ripening close to the skin, the rind being only one-half inch in thickness. The rich, bright scarlet flesh is crisp, sugary and melting to the highest degree, being entirely free from any stringiness. Per oz., 10c; per lb., 75c.

The Wonderful Sugar Melon—Said to be the sweetest melon grown; and the best in table quality ever put before the people of this country. Per oz., 10c; per lb., 75c.

Kentucky Wonder—Oblong in shape, skin dark green, flesh a beautiful scarlet color; crisp, tender and rich in flavor. Per oz., 10c.; per lb., 60c.

Early Fordhook—One of the largest of the extra early varieties. Shape nearly round; color a medium shade of green. Good quality. Per oz., 10c; per lb., 75c.

Volga—A popular early market sort. Rind very thin and hard. Flesh bright red and of excellent flavor. Per oz., 10c; per lb., 75c.

Phinney's Early—Good extra early, of medium size. Per oz., 10c.; per lb., 60c.

Dark Icing—One of the most delicious sorts, very early. Per oz., 10c; per lb., 60c.

Light Icing—Similar to the above, but the skin is light in color, also said to be a few days earlier. Per oz., 10c; per lb., 60c.

Florida Favorite—Oblong in shape, large size, flesh light crimson, fine quality. Per oz., 10c; per lb., 60c.

Pride of Georgia—Round in shape, very prolific. Per oz., 10c; per lb., 60c.

Lodi—A large solid cream-colored melon, popular in the north. Per oz., 10c; per lb., 60c.

Mammoth Ironclad—One of the largest melons grown; firm and solid, a fine shipper. Per oz., 10c; per lb., 60c.

Mountain Sweet—Dark in color, size large, flavor good. Per oz., 10c; per lb., 60c.

Cuban Queen—A large, solid variety; rind strong, heavy cropper, flesh bright-red, tender and melting. Per oz., 10c; per lb., 60c.

Seminole—Extra early, large, delicious flavor, color grayish-green. Per oz., 10c; per lb., 60c.

Ice Cream or Peerless—Unequaled in good qualities. Solid, always of good flavor. Per oz., 10c; per lb., 60c.

Georgia Rattlesnake—The largest of watermelons; popular market sort. Per oz., 10c.; per lb., 50c.

Kolb's Gem—Attractive, and an excellent keeper. Productive, very large. Per oz., 10c; per lb., 50c.

ONIONS

CULTURE—Sow thinly 4 or 5 pounds to the acre in drills 1 foot apart and $\frac{1}{4}$ inch deep in strong land, well manured; thin out the stand 3 or 4 inches apart in the drills, keeping them well hoed and free from weeds. Onions delight in rich, deep, loamy soil, and succeed well if grown successively years on the same ground. An ounce will sow 100 feet of drill.

AUSTRALIAN BROWN—This variety, recently introduced into the United States from Australia, has met with instantaneous success. No Onion equals it as a keeper, and in earliness it outranks anything except the white sorts. Beautiful in shape, a deep brown in color, and of finest flavor. Per oz. 10c., per lb. \$1.

THE CREOLE ONION—A large brown variety of superior keeping qualities which has long been the leading sort in the New Orleans and other Southern markets. It will be found one of the most satisfactory onions for fall planting, and one of the best keeping and most salable of shipping sorts.

It is not a particularly mild onion, but the flavor is characteristic and generally liked.

Per pkt. 5c., per oz. 60c., per lb. \$2.

Earliest White Queen or Extra Early Barletta—The earliest onion in cultivation. They are of a fine white color, very mild and delicate in flavor. Grow to a large size in California, frequently 4 inches or over in diameter. Our most popular market onion. Per oz. 25c., per lb. \$2.50.

Bloomsdale Early Pearl—A large extra early, flat, white Onion. Very mild. Per oz. 25c., per lb. \$2.50.

White Silver Skin—Ripens early. A good keeper. Per oz. 20c., per lb. \$1.75.

Large Red Wethersfield—Large size and fine form. Skin deep red. An old standard sort, very productive, an excellent keeper. One of the best for main crop. Per oz. 10c., per lb. \$1.

Extra Early Red—Matures very early, yields abundantly, and is of a mild flavor. Per oz. 10c., per lb. \$1.

Yellow Globe Danvers—Extensively grown as a main crop. A beautiful golden color, quite early, neck small, very prolific, and a good shipper and keeper. Per oz. 10c., per lb. \$1.

Yellow Flat Danvers—A splendid onion for either market or home use. Similar to above. Per oz. 10c., per lb. \$1.

Prizetaker—A beautiful variety, very large size, often weighing from 3 to 4 pounds each. The outside skin is of a rich yellow color, while the flesh is white and very mild and sweet. Per oz. 15c., per lb. \$1.50.

Southport White Globe—A large late white globe variety. Per oz. 20c., per lb. \$2.

Southport Yellow Globe—Similar to above, but straw-yellow in color. Per oz. 15c., per lb. \$1.25.

Southport Red Globe—Rich deep red in color. Per oz. 15c., per lb. \$1.25.



AUSTRALIAN BROWN ONION

PEAS

CULTURE—May be sown in California the year round. Peas mature earliest in light, rich soil, but for general crop a moderately heavy soil is best. Sow in rows from 2½ to 3 feet apart, according to the variety. Two pounds of seed will sow 100 feet of drill, 80 to 100 pounds to the acre. In the following list will be found only those varieties which are desirable in this section. When ordered by mail add 10c. per pound for postage.



AMERICAN WONDER PEAS

American Wonder—The earliest of all wrinkled Peas. Of dwarf habit, growing from 9 to 12 inches high, and producing a profusion of the good-sized and well-filled pods of the finest flavor. Per lb. 15c., per 100 lbs. \$12.00.

Premium Gem—A very desirable, extra early, dwarf wrinkled variety, growing about 15 inches high. Very large, sweet and of delicious flavor. Per lb. 15c., per 100 lbs. \$12.00.

Nott's Excelsior—Although a few days later than the American Wonder, the pods will average fully one-third larger, containing 6 to 8 large peas so closely packed together that they become flattened. Per lb. 15c., per 100 lbs. \$12.00.

Gradus, or Prosperity—This is the earliest Large-Podded Pea in cultivation, while the peas are of most superior quality, both in size and delicious flavor. They are superior to such standard sorts as the Yorkshire Hero. Per lb. 25c.

Stratagem—A green wrinkled marrow, producing numerous pods of large-sized peas of excellent flavor. Height 2½ feet. Per lb. 15c., per 100 lbs. \$10.00.

Yorkshire Hero—The most popular market Pea in this section. Abundant cropper and excellent in quality. Height 2½ feet. Per lb. 10c., per 100 lbs. \$7.00.

Telephone—A fine, tall variety, immensely productive. Height 4 feet. Per lb. 15c., per 100 lbs. \$12.00.

Everbearing—A splendid late variety. In quality unexcelled. Height 2 feet. Per lb. 15c., per 100 lbs. \$10.00.

Dwarf Gray, or Sugar (Edible pods)—Of extraordinary yielding qualities, and unsurpassed as an edible podded variety. Height 2 feet. Per lb. 15c., per 100 lbs. \$12.00.

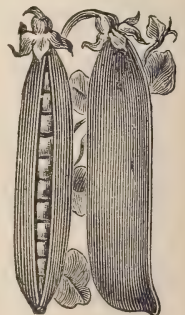
For Field Peas see List of Farm Seeds.

PARSLEY

CULTURE—May be sown from September to following May in drills 1 foot apart, ½ inch deep. Soak seed 12 hours before planting, as it is slow to germinate. When 1 or 2 inches high thin out the plants to 6 inches apart in the row.

Double Curled—Dwarf and tender, leaves yellowish-green, crimped and curled. Per oz. 10c., per lb. 75c.

Moss Curled—A beautiful curled variety of light green color. Per oz. 10c., per lb. 75c.



PEPPER

CULTURE—Seed may be sown from March to June in frames. When the weather is favorable, transplant in the open ground in warm mellow soil, in rows 18 inches apart and 12 inches apart in the rows. One ounce of seed will produce 1500 plants.

Large Mexican Chili—A long, large sort used almost exclusively here for drying. Very pungent. Per oz., 15c; per lb., \$1.50.

Mammoth Ruby King—Of immense size and the mildest of all varieties. Ordinarily they grow from 4 to 6 inches long by 3 to 4 inches thick. Plant is of sturdy bushy habit and each one produces from 6 to 12 handsome fruits. Per oz. 25c., per lb. \$2.25.

Large Bell, or Bull Nose—A very large sort of inverted bell shape. Flesh thick, hard and less pungent than most other sorts, and one of the earliest. Per oz. 25c., per lb. \$2.25.

Sweet Spanish—One of the largest and earliest varieties; flesh is mild and sweet. Per oz. 25c., per lb. \$2.25.

Golden Dawn—A productive and handsome yellow variety. Very mild in flavor. Per oz. 25c., per lb. \$2.25.



MAMMOTH RUBY KING

Cayenne—A long, slim pod, rather pointed, and when ripe a bright red color. Extremely strong and pungent. Per oz. 25c., per lb. \$2.25.

Creole, or Bird's Eye—A distinct variety, fruit very small, round and very hot. Per oz. 25c., per lb. \$2.50.

Celestial—Creamy-yellow, ripening to a vivid scarlet. Per oz. 25c., per lb. \$2.50.

Proccopp's Giant—One of the largest Peppers grown, the pods measuring 6 to 8 inches long and about 2 inches thick. Of a glossy scarlet color, flavor mild and sweet. Per oz. 25c., per lb. \$2.50.

Coral Gem Bouquet—A dwarf-growing pepper, producing hundreds of small bright red peppers thickly set on the plants so as to give them a most beautiful appearance. Excellent for making pepper sauce. Per oz. 35c., per lb. \$3.50.

PARSNIP

CULTURE—Sow from September to following May in drills 15 inches apart, covering $\frac{1}{2}$ inch deep, when well up thin out to 5 or 6 inches in the rows. The seed is slow to germinate, hence should be sown as early as possible. Cultivate frequently. One ounce to 200 feet of row, 5 pounds to the acre.



Sugar, or Hollow Crown—The best for table use. Per oz. 10c., per lb. 50c.

Devonshire—Roots comparatively short, white and smooth. Per oz. 10c., per lb. 50c.

Short Round French—Handsome shape and splendid flavor; earlier than the longer forms, and especially adapted for shallow soils. Per oz. 10c., per lb. 70c.



TENNESSEE SWEET POTATO

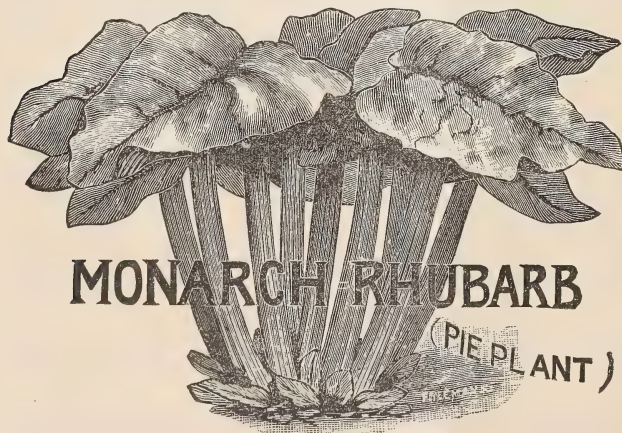
Large Cheese—Size very large; hardy and productive. Of fine grain and excellent flavor. Per oz. 10c., per lb. 75c.

Sweet Field—A small bluish-green variety, becoming very popular here for stock feeding. Per lb. 25c.

California Field—A very large stock Pumpkin, frequently weighs 200 pounds and over. Per lb. 15c. If by mail 10c. per lb. additional.

RHUBARB OR PIE PLANT

CULTURE—Sow the seed early in spring in drills, 1 foot apart, thinning out the young plants to 4 inches. Cultivate well, and in the following spring



PUMPKIN

CULTURE—Plant from April to July in hills 8 feet apart each way. Pumpkins are not so particular in regard to soil as Melons, but in other respects are cultivated in a similar manner, though on a larger scale. One ounce for 15 hills, 1 pound to an acre.

Cashaw or Crookneck—Productive, color light cream. A good keeper; fine and sweet in flavor. Per oz. 10c., per lb. 75c.

Tennessee Sweet Potato—Of medium size; creamy white, with light green stripes; flesh thick, fine grained, dry, brittle, and of excellent flavor. Unsurpassed for pies and custards. Per oz. 10c., per lb. 75c.

Sugar—A small handsome variety, and very popular. The skin is a deep orange yellow; flesh fine grained and sweet in taste. Per oz. 10c., per lb. 75c.



CHEESE PUMPKIN

transplant into deep rich soil from 3 to 4 feet apart. For immediate use, order the roots which come into use at once. One ounce of seed will make 500 plants.

Linnaeus—Early, large and tender. Per oz. 15c., per lb. \$1.50.

Victoria—Later than the above, very large and fine. Per oz. 15c., per lb. \$1.50.

Monarch—The largest, and one of the best. Per oz. 20c., per lb. \$1.50.

Rhubarb Roots—Fine large roots, each 10c., per dozen \$1.00.

RADISH

CULTURE—Seed may be sown the year round in California. They thrive best in a light sandy loam, made rich by some good manure. Sow in drills, 10 to 12 inches apart. An ounce of seed will sow 100 feet of drill; 10 pounds to acre.

Early Scarlet Globe—One of the earliest and best sorts for forcing; its color is very handsome; flavor very mild; crisp and juicy; stands a great amount of heat without becoming pithy. Per oz. 10c., per lb. 50c.

Early Scarlet Turnip—A small round red radish of very quick growth. Per oz. 10c., per lb. 50c.

Round Black Spanish—Skin black; flesh white, of firm texture. Per oz. 10c., per lb. 60c.

French Breakfast—A splendid variety, medium-sized, olive-shaped. Very crisp and tender; of a beautiful scarlet color. Per oz. 10c., per lb. 50c.

White Tipped Scarlet Turnip—An early variety of medium size and excellent flavor and of a very handsome appearance. Per oz. 10c., per lb. 50c.

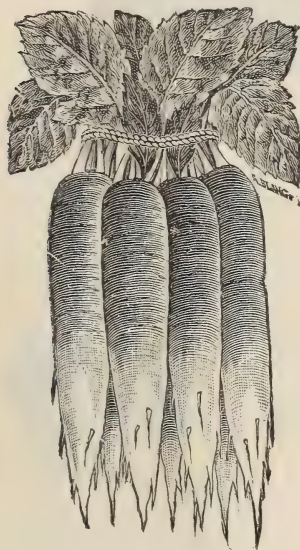
Chartier—A distinct, exceedingly handsome and attractive sort; color of top is scarlet rose, shading into pure waxy white at the tip. Attains a large size before it becomes unfit for the table. Per oz. 10c., per lb. 50c.

Early Long Scarlet—Very brittle and crisp; color bright scarlet, small top. Per oz. 10c., per lb. 50c.

NEW TRIUMPH—A beautiful and odd Radish, originating in Holland. The Radishes are globe-shaped, and are strikingly handsome, having bright scarlet stripes horizontally on a white ground. Per oz. 10c., per lb. \$1.

Scarlet Olive-Shaped—Quite early, very crisp. Per oz. 10c., per lb. 60c.

China Rose Winter—Excellent quality; good keeper. Per oz. 10c., per lb. 60c.



CHARTIER

Early White Globe—Grows quickly, skin very white; flesh white and crisp. Per oz. 10c., per lb. 50c.

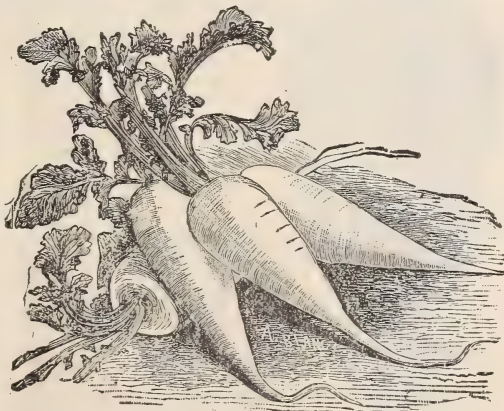
California Mammoth—Pure white. The flesh is tender and crisp and keeps well. Per oz., 10c., per lb. 50c.

White Strasburg—Grows quickly; retains its crispness a long time. Both skin and flesh are pure white, firm and brittle and of excellent quality. Per oz. 10c., per lb. 60c.

Long White Vienna or Lady Finger—The finest long white Radish in cultivation. Beautiful shape; skin and flesh pure white; crisp; rapid grower. Per oz. 10c., per lb. 60c.



EARLY SCARLET GLOBE



EARLY WHITE VIENNA

SQUASH

CULTURE—Seed should not be planted in Spring until all danger of frost is past. Plant in hills 5 feet apart for bush varieties and 6 to 8 feet apart for running sorts, putting 6 to 8 seeds to the hill, finally leaving but 3 plants. One ounce of the bush varieties for 40 hills, or of the larger seeded varieties 15 hills; 2 to 3 pounds to the acre.



GOLDEN HUBBARD SQUASH

Golden Hubbard—The flesh is a deep golden-yellow—a much richer color than the Hubbard—fine grained, cooks very dry, and is of excellent flavor. In its keeping qualities it is fully equal to, while in productiveness it excels, the old variety. Per oz., 15c.; per lb., \$1.25.

Hubbard—The standard winter squash. Keeps perfectly. Rich in flavor. Per oz. 10c., per lb. \$1.00.

Pike's Peak, or Sibley—An excellent long-keeping winter squash. Fine grained and superior in quality. Per oz. 10c., per lb. \$1.00.

Boston Marrow—Bright orange color, flesh rich salmon; for sweetness and excellence unsurpassed. Per oz. 10c., per lb. \$1.00.

White Bush Scallop—The well-known summer squash, very productive, pure white. Per oz. 10c., per lb. 75c.

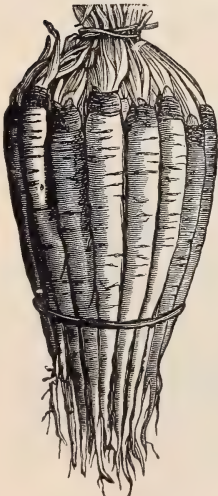
Mammoth White Scallop—An improved large variety of the above. Per oz. 10c., per lb. 75c.

Golden Bush Scallop—Similar to the above, but a golden-yellow color. Per oz. 10c., per lb. 75c.

Golden Summer Crookneck—The popular well-known Crookneck. Per oz. 10c., per lb. 75c.



WHITE BUSH



SALSIFY

SALSIFY—VEGETABLE OYSTER

CULTURE—Sow the seed early in the spring in drills 1 foot apart and one inch deep, thinning out plants to 4 inches. It succeeds best in light, well-enriched soil. One ounce of seed for 50 feet of drill.

Long White—Favored market variety and the best flavored. Per oz. 10c., per lb. \$1.00.

Sandwich Island Mammoth—A larger and superior variety. Mild and delicately flavored. Per oz. 10c., per lb. \$1.25.

SPINACH

CULTURE—Sow in drills 1 foot apart, and for succession every two weeks; as it grows, thin out for use, keeping clean of weeds. It grows the year round in California. One ounce of seed for 100 feet of drill; 10 pounds for an acre.

Prickly Seeded—The hardest of all and the most popular with our market gardeners here. Per oz. 10c., per lb. 35c.

Round Summer—Leaves large, thick and fleshy. Per oz. 10c., per lb. 35c.

Improved Thick Leaf or Viroflay—Has very large, thick leaves of good substance. Per oz. 10c., per lb. 35c.

Bloomsdale Savoy-Leaved—The earliest variety of upright growth; fine, large, tender crinkled leaves. Grows quick, but will not stand long. Per oz. 10c., per lb. 35c.

Long Standing—A good sort for the market garden, as it is much slower in going to seed than the other varieties. Per oz. 10c., per lb. 35c.

TURNIP

CULTURE—Plant for succession from February to October in drills 14 inches apart and thin out plants to 6 inches. Turnips thrive best in a highly enriched, sandy, gravelly, or light loamy soil. One ounce to 150 feet of drill; 1½ pounds to the acre.

Early Purple Top Strap-Leaved—The most popular variety in this section for either family or market use; large size, white, purple above ground; flesh fine grained. Per oz. 10c., per lb. 50c.

Early White Flat Dutch—An early white fleshed, strap-leaved variety; of quick growth, mild flavor and excellent quality. Per oz. 10c., per lb. 50c.

Early White Globe—A large, round turnip, with firm, sweet flesh. Per oz. 10c., per lb., 50c.

White Egg—Flesh white, firm, fine grained, mild and sweet. Per oz. 10c., per lb. 60c.

Extra White Milan—A new, early, very white variety, with purple top and strap-leaf; mild and sweet. Remains in good condition for a long time. Per oz. 10c., per lb. 70c.



PURPLE TOP STRAP-LEAF TURNIP



EARLY FLAT-DUTCH

Amber Globe—One of the best for general crop; grows to a large size; excellent for the table or stock. Per oz. 10c., per lb. 50c.

Golden Ball or Orange Jelly—A rapid grower of excellent flavor; bright yellow color; good keeper and a superior table variety or for stock. Per oz. 10c., per lb. 50c.

Improved Purple-Top Ruta Baga—The best of the Swede Turnips. Very hardy and productive; flesh yellow, of solid texture, sweet and well-flavored. Per oz. 10c., per lb. 40c.

TOMATOES

CULTURE—Seed may be sown from January to June in frames or hot beds. When plants have 4 leaves transplant in shallow boxes, setting them 4 or 5 inches apart, so that they will become strong and stocky, and about as broad as they are high. Set out as soon as ground is warm, and water freely. The fruit is improved in quality if the plants are tied to a trellis or to stakes. Set plants 4 feet apart. One ounce of seed will produce 2,000 plants.



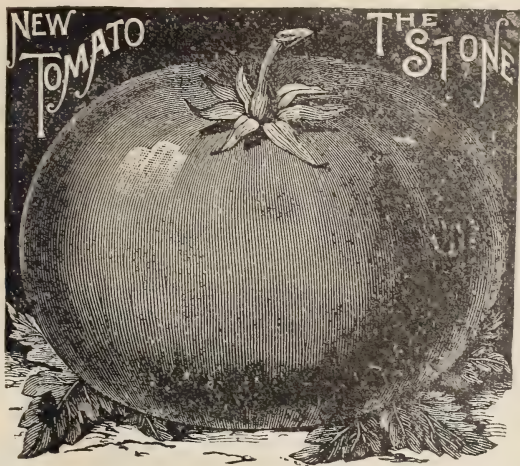
EL DORADO TOMATO

El Dorado—We deem this the best variety for main crop. Plant is strong and bears an enormous crop of large, solid fruit, almost round in shape. Its solidity and shipping qualities are remarkable, and it is excellent for canning. Color, bright scarlet; in flavor the equal of any tomato yet introduced. Per oz. 25c., per lb. \$2.50.

Dwarf Champion Tomato—Owes its wide popularity to its stiff, vigorous upright growth, with fruit well above the soil, and to the earliness with which it reaches its maturity. In color the fruit is a purplish pink, and it is always round, smooth and symmetrical. Size medium. Table quality superior. A good shipper. Plants may be set 3 feet apart in rows 4 feet apart. One of the earliest and most profitable tomatoes grown. Per oz. 25c., per lb. \$2.50.

Improved Honor Bright—One of the latest varieties introduced by Livingston. In growth the fruit is first light green, then an attractive waxy white, then yellow, changing to a bright red when fully ripe. Highly recommended for its long keeping qualities. It never rots and is a heavy yielder. Its table qualities are superb, the flesh when ripe being tender and melting. This Tomato is certain to become widely famous, as it is distinct from all other varieties. Per pkt. 5c., per oz. 25c., per lb. \$2.50.

TOMATOES—Continued



New Stone—Excellent for main crop, for market or canning. The fruit is smooth and very large, many of them weighing over a pound. Solid and firm, stands shipping well, and is very attractive in appearance. Per oz. 25c., per lb. \$2.50.

Buckeye State—Deep glossy crimson, tinged with purple. Remarkably solid and meaty, while in luscious qualities it has no rival. Per oz. 25c., per lb. \$2.50.

Extra Early Richmond—An extremely hardy sort and much used here for winter market. Per oz. 30c., per lb. \$3.50.

Atlantic Prize—The largest, smoothest, and brightest colored extra early tomato. Vine small, with few leaves, very hardy, bearing the fruit low down on the stem and in enormous clusters, which ripen all together. Those whose trade demands that they have a large, smooth, good flavored, very early fruit will find this variety to be just what they want. Per oz. 25c., per lb. \$2.50.

Acme—A celebrated and very productive purple or pink purple tomato. The form is round and the skin very smooth. It is of delicious flavor, and has long been a standard purple sort. The size is medium to large and the flesh is firm and solid. It comes into bearing early and produces fruit until the vine is killed by frost. Desirable for market gardeners. Per oz. 20c., per lb., \$2.00.

Ignotum—Large, uniform, smooth and solid, deep red in color. Per oz. 20c., per lb. \$2.00.

Royal Red—Brilliant red in color, a fine sort. Per oz. 20c., per lb. \$2.00.

Ponderosa, or No. 400—This variety is a monster of the tomato family, the tomatoes often weighing two or three pounds each; of a rich, bright crimson color, and all solid meat, exceptionally free from seeds; extremely delicious in flavor, whether used raw or cooked; a single tomato is enough for a meal. Very desirable for family and market purposes. Per oz. 40c., per lb. \$4.

Perfection—Fruit large, color deep red, almost round in shape, perfectly smooth and very solid; very productive. Per oz. 20c., per lb. \$2.00.

Trophy—Large, smooth, fine in color and very prolific. Per oz. 20c., per lb. \$2.00.

Paragon—A superb variety, large, solid, smooth and deep red. Per oz. 20c., per lb. \$2.00.

Ten-Ton—A superb variety for canning or table. Unsurpassed in good qualities. Per oz. 25c., per lb. \$2.50.

Beauty—An excellent variety of large size and beautiful appearance; color gloss crimson. Per oz. 20c., per lb. \$2.00.

Peach—Of delicate flavor and very attractive. The fruit is 2 inches in diameter. An excellent preserving sort. Per oz. 20c., per lb. \$2.00.

Golden Queen—A fine golden yellow sort; solid and smooth. Per oz. 25c., per lb. \$2.50.

Yellow Pear-Shaped—Per oz. 25c., per lb. \$2.50.

ODDS AND ENDS

Cotton, Upland—Per lb. 25c.

Mustard, White—Per lb. 10c. **Southern Curled**—Best for salads. Per oz. 10c., per lb. 50c.

Mushroom Spawn—English, in bricks. The best in quality. Per brick, 15c.

Nasturtium—Seed pods make delicious pickles. **Dwarf**—Per oz. 15c.

Okra, White Velvet—Imparts a fine flavor and consistency to soups and stews. Per oz. 10c., per lb. 60c.

Tobacco, Acclimated Havana—The best variety for cigar fillers. Per oz. 25c., per lb. \$3.00.

Tobacco, Glessner—The best variety for cigar wrappers. Per oz. 50c., per lb. \$5.

HERBS

AROMATIC, MEDICINAL AND POT, PER PACKET, 5c.

Anise—A well-known annual herb whose seeds are used for dyspepsia and colic and as a corrective of griping and unpleasant medicines.

Balm—A hardy perennial having an aromatic taste, the leaves are used for various medicinal purposes.

Basil, Sweet—The seeds and tops are used for flavoring soups and sauces, and have a strong flavor of cloves.

Borage—Used as a pot herb; the young shoots are also boiled and used like spinach. Sow in light, dry soil, early in the spring, in drills about one foot apart, and thin out the plants to eight inches apart.

Caraway—The seeds of this plant are much used in confectionery, cakes, etc. Sow in spring or autumn, and thin to one foot apart.

Catmint, or Catnip—A hardy perennial plant, the leaves of which are valuable as a mild nervine for infants. Sow the seed in spring or fall and give plants a foot of room.

Coriander—Raised mostly for its seeds, which have an aromatic taste, and are used in confectionery, and sometimes to disguise the taste of medicine.

Dill—An annual, cultivated for its seed, which has an aromatic odor and a warm, pungent taste. It is sometimes added to pickled cucumbers to heighten the flavor.

Horehound—A well-known medicinal plant, which enters largely into the composition of cough syrups and lozenges.

Lavender—Cultivated for its fragrant flowers, which are used for the distillation of lavender water, or are dried and used to perfume linen. Sow in drills two feet apart, and thin the plants to two feet in the row.

Fennel, Sweet—A hardy perennial plant, the seeds of which are used for flavoring, and also for medicinal purposes.

Hyssop—A medicinal plant, having a warm, pungent taste; the flowers are used for asthma and catarrh.

Marjoram, Sweet—Used in soups, broths, dressings, etc. Sow in drills as early as possible and thin the plants to ten inches apart.

Rue—A hardy, perennial plant, the leaves of which have an unpleasant smell and a bitter, pungent taste; they are so acrid as to blister the skin.

Rosemary—A hardy, perennial subshrub, having a bitter taste and used for various medicinal purposes.

Saffron—Cultivated for its flowers, which are used in dyeing, and to make the cosmetic powder called rouge.

Sage—A perennial plant, perhaps more widely known than any of the other herbs in its medicinal and culinary uses. Sow early in spring, in drills sixteen inches apart.

Summer Savory—A hardy annual, the dried stems, leaves and flowers of which are extensively used for flavoring, particularly in dressings and soups.

Tansy—A hardy, perennial plant, possessing the medicinal properties common to bitter herbs. Sow broadcast or in drills one foot apart.

Thyme—A perennial herb largely used for culinary purposes and sometimes medicinally. Sow either broadcast or in drills six inches apart.

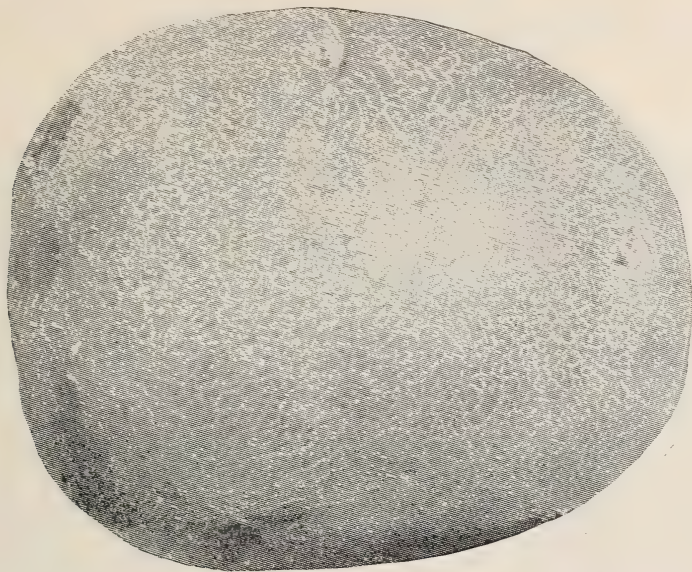
Wormwood—A perennial plant, the leaves of which have an intensely bitter taste and are used only for medicinal purposes.

ROSELLE

The Lemonade Plant of Queensland—Is an annual plant that has been sufficiently tested to indicate its great food value, and to warrant more extended cultivation. The fruit resembles the scarlet podded okra and is used for making jelly and jam. The jelly is superior to guava or currant, and labeled as "Queensland Jelly" is shipped from Australia to all parts of Europe. It is easily grown from seed, grows rapidly, resists drought and is very ornamental. It costs less to raise than any other fruit, and it requires no cleaning or picking over after gathering; the pickers cannot eat it and the birds will not touch it. Per pkt. 10c., per oz. 50c., per lb. \$5.

POTATOES

We exercise the greatest care in selecting Seed Potatoes and offer only finely matured, Northern grown stock. Sow 500 lbs. to the acre. Potatoes thrive best on a good friable loam, and do fairly well in light, sandy soils. They will not thrive in wet, heavy soils, nor do they take kindly to irrigation.



TRIUMPH—Sometimes called the "Six Weeks" Potato—This beautiful variety combines the wonderful productiveness of the Peerless with all the good qualities of the Early Rose, is much more productive and matures its crop at least a week in advance of the Early Rose. Tubers are of medium size, round and uniform in shape, with but a very few small ones; eyes slightly depressed; color a beautiful light red. Its great beauty, productiveness and fine quality make it one of the best extra early market varieties especially for the South. Per lb. 5c., 6 lbs. 25c., per 100 lbs. \$2.50.

Early Ohio—One of the most productive of extra early sorts. The tubers grow compact in the hill, are easily dug, very few small ones. Per lb. 5c., 6 lbs. 25c., per 100 lbs. \$2.50.

Early Rose—The standard extra early variety. Price mailed on application.

Burbank—The best potato for main crop. Price on application.

SWEET POTATOES

The following prices on Seed Sweet Potatoes are subject to market changes, and in ordering in quantity it would be well to write for prices.

Yellow Jersey or Nansemond—A fine old variety. 8 lbs. for 25c., per 100 lbs. \$2.50.

Red Jersey or Nansemond—A smooth potato, with yellow meat. 8 lbs. for 25c., per 100 lbs. \$2.50.

Large White—The largest variety. 8 lbs. for 25c., per 100 lbs. \$2.50.

Sweet Potato Plants—Ready about April 1st. Any of the above varieties, per 100 plants 50c., per 1000 plants \$4.00. Write for special quotation on large lots.

FARM AND FIELD SEEDS

The prices on field seeds are subject to market fluctuations, hence the quotations here given are intended as being suggestive rather than final.

Our customers can depend on receiving the lowest prices at all times, but it would be well to write for special quotations on large orders.

We would also advise against comparing printed prices on grain, corn, etc., intended for stock feed and the market with those of our selected seed stock. As a matter of fact the latter is always the cheaper in the end.

FIELD CORN—EASTERN GROWN



King of the Earliest, 85 Days—The earliest Dent variety. Ears short, 12 to 16 rows, well filled. Grain long and yellow, making an extra quality meal. Per lb. 5c., per 100 lbs. \$3.50.

Improved Leaming, 90 Days—Ears are large and handsome, with deep, large grains; orange yellow color and red cob. Per lb. 5c., per 100 lbs. \$3.50.

Pride of the North, 90 Days—One of the best sorts; ears have from 14 to 16 rows, grown 8 to 10 inches in length, slightly tapering; color light orange. Per lb. 5c., per 100 lbs. \$3.50.

Mastodon Yellow Dent, 90 Days—The largest and best Dent corn. Per lb. 5c., per 100 lbs. \$3.50.

King Philip Flint, 90 Days—The earliest, largest, and best flint corn. Per lb. 5c., per 100 lbs. \$3.50.

Minnesota King, 100 Days—A large-grained variety; yellow. Per lb. 5c., per 100 lbs. \$3.50.

Wisconsin White Dent, 90 Days—A perfect white Dent corn, in good qualities resembling the Leaming. Per lb. 5c., per 100 lbs. \$3.50.

Champion White Pearl, 90 Days—A fine white flint corn. Per lb. 5c., per 100 lbs. \$3.50.

FIELD CORN—CALIFORNIA GROWN

King Philip, 90 Days—A small, yellow variety, very popular in this market. Per 100 lbs., price on application.

Hickory King, 110 Days—A white variety, having the largest grain with the smallest cob ever introduced in a white corn. Per 100 lbs., price on application.

FORAGE AND FODDER PLANTS

The following varieties of forage and fodder plants can be recommended to do well in California soils and climates. Though not strictly plants indigenous to arid regions, they will, nevertheless, withstand our summer seasons quite well, and if planted on moist lands, or lands to which irrigation waters are available, will yield bounteous crops.

COW PEAS, FIELD PEAS, VETCHES

CULTURE—Throughout the Southern States, Cow Peas are universally used in preference to any other plant for forage and as soil renovators. Their growth is marvelous, yielding 25,000 pounds of green or 5,000 pounds of dry hay to the acre. They make the best green fertilizer for turning under in orchards. When sown in rows 3 feet apart, 30 pounds will sow an acre. Sown broadcast, 80 or 100 pounds are required to seed an acre properly. If grown for fodder or seed, plant in drills and cultivate thoroughly. If grown to plow under, sow broadcast.

Wonderful Cow Pea—The most valuable pea ever introduced for forage stock-feeding, enriching land and for eradicating weeds and grasses. Its yield is enormous. Per lb. 10c., per 100 lbs. \$5.00.

Whippoorwill Cow Pea—This is the earliest of Cow Peas, and can be matured here before there is any likelihood of frost. This adds to its value for turning under in orchards. Per lb. 10c., per 100 lbs. \$5.00.

Black-Eye Cow Pea—Is the Pea commonly sold in this market. The present price is \$5.00 per 100 lbs., but it is subject to fluctuations.

Velvet Bean—Similar to the Cow Pea in habit and economic value. It is of recent introduction and has been used here in an experimental way for turning under in orchards. Per lb. 10c., per 100 lbs. \$7.50.

Soja Bean—The plant grows erect, averaging 3 feet in height. The stalk is strong and woody, and has numerous branches covered with heavy foliage. The branches and upper part of main stem are thickly studded with clusters of pods, from two to five pods growing in a cluster. Makes forage as good as Cow Peas. The vines are cut when the leaves are in the milk. The beans are frequently used as a substitute for coffee. Per lb. 10c., per 100 lbs. \$7.50.

FIELD PEAS

Blue Prussian—This is the culinary pea of commerce. It is used here very largely as a green fertilizer in orchards. Our stock is extra select. Per lb. 5c., per 100 lbs. \$3.50.

Canada Field—One of the best green manuring crops. Very early, also make a good, large yielding forage crop. The seed is small and popular as a pigeon feed. Per lb. 5c., per 100 lbs. \$3.50.

VETCHES

Are becoming very popular as a forage crop. They can be cheaply raised, fed green, cured and ensilaged. Sow at the rate of from 40 to 50 pounds to the acre, either broadcast or in drills 15 inches apart.

Hairy or Sandvetch—The Sandvetch prospers in the most barren soils. Will yield 6 to 10 tons of green feed per acre. Can stand any frost, and all farm animals eat it readily. Per lb. 10c., per 100 lbs. \$7.50.

Winter Vetches—Furnishes one of the most nutritious winter and spring forage crops. Is also an excellent soil improver. Per lb. 10c., per 100 lbs. \$7.50.



HAIRY OR SANDVETCH

JOHNSON & MUSSER SEED COMPANY

CLOVER AND GRASS SEEDS

Alfalfa—Our standard clover. Too well known to require description. Send for quotations.

Crimson Clover—Mostly grown here for a green manuring crop for orchards. Per lb. 20c., per 100 lbs. \$14.00.

White Dutch Clover—Used principally for lawns, but is also excellent for pasturage. Per lb. 40c.

Italian Rye Grass—Very valuable for pasturage in this climate. In nutritive value, earliness and quickness of growth after it has been cut, it is unsurpassed. Sow 30 to 40 pounds to the acre. Per lb. 15c., per 100 lbs. \$9.

Perennial Rye Grass—One of the best grasses for permanent pasturage. Leaves long, narrow and fine; darker in color than the Italian, not more than half as large and slower to develop. Sow 40 pounds to the acre. Per lb. 15c., per 100 lbs. \$9.

German Millet—Produces from 4 to 5 tons of hay to the acre, and from 70 to 80 bushels of seed. Yields 2 crops in a season. Sow 50 pounds to the acre. Per lb. 10c., per 100 lbs. \$5.

Common Millet—It is an annual grass; its luxuriant leaves being very juicy and tender, are much relished by all stock. It makes a very good hay. Sow 50 pounds to the acre. Per lb. 5c., per 100 lbs. \$4.50.

Hungarian Millet—It germinates readily and withstands great drought. Has numerous succulent leaves, broad and over a foot in length. Furnishes an abundance of green fodder, taken by all kinds of stock. Sow 40 pounds to the acre. Per lb. 10c., per 100 lbs. \$5.

Pearl Millet—No other plant makes so much forage as this; 7 cuttings may be had in a season. Sow seed in drills, 5 pounds to the acre. Per lb. 20c.

Johnson Grass, or Evergreen Millet—A perennial; a rapid grower with long, care-like roots. The leaf, stalk and panicle of this grass resemble those of sorghum; will grow where it is too hot and dry for other grasses. It is so difficult to eradicate from the soil when once established that we do not recommend it. Sow 40 pounds of seed to the acre. Per lb. 15c., per 100 lbs. \$10.

Bermuda Grass—This plant has long been utilized in the Southern States. It is a tender, delicate grass, growing over and binding the most arid and loose land, and grows luxuriantly in every kind of soil; very valuable for pasture, as well as for hay crop; time of sowing, April to June. Per lb. \$1.

Awnless Erome Grass (Bromus Inermis)—A hardy perennial, standing extremes of heat, cold and drought better than any other of our cultivated grasses. It will grow well on all kinds of soil, and gives a very large yield. All kinds of stock eat it greedily, and the analysis made shows that it is exceedingly rich in flesh-forming ingredients. The seed should be sown as early in the Spring as the ground can be worked. Sow 35 to 40 pounds to the acre. Per lb. 20c., per 100 lbs. \$15.

Australian Salt Bush (Atriplex Semibaccatum)—Will grow on any soil and has solved the problem of utilizing our alkali land. Will grow in the strongest black or white alkali soil and produce an abundance of nutritious fodder, relished by all kinds of stock. Per oz. 15c., per lb. \$1.50.

SOME IMPORTANT FODDER PLANTS

Early Amber Sugar Cane or Sorghum—Can be raised anywhere and produces a large crop of the most nutritious fodder; all stock relish it on account of its sweetness. If grown for sugar, plant 6 pounds to the acre in drills; if for fodder sow broadcast 70 or 80 pounds to the acre. Per lb. 10c., per 100 lbs. \$4.50.

Early Orange Sugar Cane—Same as above, but seed is darker in color. Per lb. 10c., per 100 lbs. \$4.50.

White Kaffir Corn—The stalks keep and are brittle and juicy, not hardening like other varieties of sorghum, making excellent fodder either green or dried, which is highly relished by cattle, horses and mules; it grows from 4 to 5 feet high. For grain sow 5 pounds to the acre in rows 3 feet apart; for fodder sow 60 pounds to the acre broadcast. Per lb. 5c., per 100 lbs. \$4.

Red Kaffir Corn—Stalks are more slender than the white, but more juicy and leafy; it does well on poor land and yields good crops. Per lb. 5c., per 100 lbs. \$4.

Jerusalem Corn—Stands drought better than any other sorghum. Grows about 3 feet high; the grains are pure white and nearly flat. Sow 5 pounds to the acre. Per lb. 10c., per 100 lbs. \$6.50.

White Egyptian or Dhoura Corn—Yields a large crop of either grain or fodder; the grain is excellent for poultry. Sow like Kaffir corn. Per lb. 5c., per 100 lbs. \$2.50.

Brown Egyptian Corn—Similar to the above, only the grain is brown in color; stands dry weather and will grow on the poorest soil. Per lb. 5c., per 100 lbs. \$2.50.

Dwarf Broom Corn—Grows 3 to 4 feet high, with straight, smooth brush, principally used for making whisks and brushes. Per lb. 10c., per 100 lbs. \$5.00.

Improved Evergreen Broom Corn—Grows 8 to 10 feet high, stands up well and is entirely free from crooked brush; fibre is long and fine. Per lb. 10c., per 100 lbs. \$5.00.

Mand's Wonder Forage Plant (*Pencellaria Zeaoides*)—Said to be the most productive forage plant in cultivation. It is an annual, having an enormous growth of broad, dark green leaves, much resembling Indian corn, and equals in nutritive value those well-known forage plants, sorghum, Kaffir corn, etc., while far surpassing them in productiveness. Attains a height of from 12 to 14 feet, bearing numerous heads completely covered with seeds. For hay purposes it should be very thinly sown in drills, 12 to 18 inches apart, dropping a seed every 6 or 8 inches. If sown broadcast, sow one pound of seed per acre, or as thin as you sow turnip seed. Per oz. 15c., per lb. \$1.50.

Dwarf Essex Rape—This is the best midsummer and autumn sheep forage known, and it is also used for pigs and dairy cows with success. It is a plant of the cabbage family, requiring the same treatment as the turnip. Stock should be fed alternately on grass and rape—not an exclusive rape diet; and rape-fed animals should have access to salt. Sow 3 pounds of seed to acre in drills, or 5 to 10 pounds broadcast. Per lb. 15c., per 100 lbs. \$10.00.

Jerusalem Artichokes—Best hog food known. Are remarkable for their fattening properties, great productiveness and ease with which they can be grown. Are recommended highly for milch cows, increasing the yield of milk and at the same time improving their condition. One hundred and twenty pounds of tubers will plant an acre; they should be cut as potatoes, 1 eye being sufficient, and planted in rows 3 apart and 2 feet in the rows. Per lb. 5c., per 100 lbs. \$4.00.

LAWN GRASS SEED



A LOS ANGELES LAWN.

We have established a reputation throughout Southern California on the high quality of lawn grass seed furnished by us. If you wish a beautiful velvety lawn, you avoid all risk by buying from us direct.

HINTS ON LAWN MAKING—Lawn grass seed may be sown the year round in California. In making a new lawn the soil should be carefully cultivated to the depth of one foot, and prepared to the desired level, and well rolled; after which a light raking will prepare it for proper reception of the seed. If the soil is poor it should be enriched with well-rotted, sifted stable manure, or some good commercial fertilizer. Sow the seed carefully and evenly, using one pound to cover an area of 200 square feet; rake in well and roll.

FERTILIZING THE LAWN—To keep up the beauty of a lawn it will be necessary to feed the grass well. You cannot expect it to retain that depth and richness of texture and color which characterizes it while young, after the elements of plant food have been exhausted. That which the plants take from the soil in their development must be supplied from time to time in order to keep the grass up to a high standard of health. We recommend a good commercial fertilizer, such as the **J. & M. Reliable Lawn Fertilizer**, in preference to stable manure, which is almost certain to sow the lawn with noxious weeds. For further information regarding fertilizers, see page 66

Fancy Kentucky Blue Grass—The purest and best lawn seed. Produces a lasting and beautiful effect. We sell only the finest quality of this seed. Per lb., 25c; per 100 lbs., market price.

White Dutch Clover—Makes a showy effect much quicker than the blue grass, and is frequently used alone. In conjunction with blue grass, however, it forms the finest and closest turf. Per lb., 40c; per 100 lbs., market price.

* RELIABLE *

FLOWER SEEDS

Flower seeds are divided into Annuals and Perennials. Annuals are those that bloom and ripen seed the first year, then die. Among these may be found some of our most brilliant and fragrant flowers. Perennials are those that live and bloom for several years in succession. Directions for culture are on each package.

AGERATUM—Flowers light blue or lavender, furnishing a continuous bloom through the summer. Height, 1 foot. Hardy annual.

Ageratum Mexicanum, per packet.....5c

ALYSSUM, SWEET—A favorite flower for bouquets; white, very fragrant, and producing a succession of bloom through the summer and until after severe frosts. Height 1 foot. Hardy annual.

Alyssum Maritimum (sweet), per packet.....5c

Alyssum Dwarf or Tom Thumb, per packet.....5c

ANTIRRHINUM (Snapdragon)—One of the most desirable flowers in the Catalogue for its variety of colors and succession of bloom, lasting from July until severe frosts. A great variety of beautiful colors, striped and variegated with other brilliant shades. Height 1 foot. Perennial.

Antirrhinum, dwarf, mixed colors, per packet.....5c

AMARANTHUS—Valuable for its varieties of handsome foliage, whether grown in the conservatory or garden. The colors will be more brilliant if planted in moderately rich soil. Height 2 to 3 feet. Hardy annual.

Amaranthus tri-color (Joseph's Coat), per packet.....5c

Amaranthus caudatus (Love Lies Bleeding), per packet.....5c



DOUBLE BALSAM.

BALSAM—The Balsam has been so much improved by cultivation as to be scarcely recognized. Requires a rich, deep soil, good culture and plenty of space to grow to perfection. Height 2 feet. Hardy annual.

Balsam, double French, per packet.....5c

Balsam, double Camelia, per packet.....5c

BACHELOR'S BUTTON—Showy annual, of easy culture. Flowering freely with a great variety of color in common garden soil.

Centaurea Cyanus, per packet.....5c

AQUILEGIA (Columbine)—The old single varieties of Columbine have been known and admired for centuries, under the name of Honeysuckle. The new double sorts are very beautiful, and embrace a great variety of colors and forms. Height from 1 to 2 feet. Hardy perennial.

Aquilegia, mixed colors, per packet, 10c

ASTER—No family of plants bears such distinct marks of progress as the Aster, and none are more eagerly sought. An almost endless variety, always reliable, it is not strange that they should become a necessity. Height 1 to 2 feet. Annual.

Per packet.

Aster, Crown, white center.....	10c
" White rose	10c
" Peony flowered	10c
" Chinese	10c
" Victoria	10c
" Mixed	10c
" Giant branching comet.....	10c
" Bright carmine	10c
" Carmine, striped white.....	10c
" Rose pink	10c
" Pure white	10c
" Silver, tip blue	15c
" Silver, tip pink	15c
" All the above mixed.....	10c

FLOWER SEEDS (Continued)



CARNATION, EARLY DOUBLE SNOW WHITE.

CARNATION—This beautiful and well-known flower produces a finer bloom when grown from seed than when grown from cuttings taken from the old plants. The seed will produce a finer variety of colors, with flowers of good size and substance. Height 18 inches. Half hardy perennial.

Carnation, Marguerite, large double, very fragrant	per packet, 10c
“ double dwarf Vienna, mixed	“ 10c
“ double California, mixed.....	“ 10c
“ early double snow white.....	“ 25c
“ double red Grenadin.....	“ 15c



CALENDULA—This splendid variety has large double flowers, beautifully imbricated, resembling in size and form the finest aster. Each petal is of pale straw color, regularly marked with stripe of bright, deep orange. Height 18 inches.

Calendula officinalisper packet, 5c

CALLIOPSIS—A very showy border plant, producing flowers in nearly every shade of yellow, orange, crimson, red and brown. Height 2 feet. Hardy annual.

Calliopsis, mixed colors.....per packet, 5c

CALLIOPSIS.

CANNA—Stately plants with foliage of elegant growth, presenting a luxuriant and tropical appearance, are much employed in ornamental planting; when planted in clumps of 4 or 5 contrasting colors, are very effective. Height 3 feet. Tender annual.

Canna, mixed colors	per packet, 5c
Canna, Madame Crozy	“ 5c

CANDYTUFT—All the colors of Candytuft are desirable for bouquets, especially the white, for its form and fragrance, and profusion of bloom. Height 1 foot. Hardy annual.

Candytuft, mixed colors	per packet, 5c
“ purple	“ 5c
“ white	“ 5c
“ rocket, (white)	“ 10c

FLOWER SEEDS (Continued)

CANTERBURY BELLS—Handsome, hardy, biennial, of stately growth, rich color and profuse bloom. Succeeds best in light rich soil and should be transplanted 2 feet apart. Has large bell shaped flowers, which are strikingly effective.

Campanula, medium, single mixed, per packet..... 5c
 Campanula, medium, double white, per packet.....10c
 Campanula, medium, double blue, per packet.....10c
 Campanula, medium, double mixed, per packet.....10c

COCKSCOMB (*Celosia*)—Highly ornamental plants, producing crested heads of flowers, somewhat resembling a cock's comb. Height 1 to 3 feet.

Celosia crustata, dwarf mixed colors, per packet.....10c

COLEUS—Is one of the most beautiful of our variegated perennial foliage plants for garden decoration, ribbon beds, etc., being of rapid growth and easy culture. Height 1 to 2 feet. Tender perennial.

Coleus, new hybrids, mixed, per packet.....20c

CLARKIA—The flowers are very pretty and of many colors, double and single. Height 2½ feet. Hardy annual.

Clarkia pulchella, per packet5c

CINERARIA HYBRIDA—Very attractive and a justly much admired plant. Height 1 to 2 feet. Perennial.

hybrida grandiflora, per packet25c



CANTERBURY BELLS.



TYPES OF CENTAUREA IMPERIALIS.

CENTAUREA—An exceedingly interesting genus of plants; embracing annuals, biennials and perennials. Some of the varieties are foliage plants, indispensable for borders and edges of beds, while others are noted for their beautiful flowers.

Centaurea Gymnocarpa (Dusty Miller), silvery gray foliage; drooping habit, very graceful. Half hardy perennial, per packet10c

Centaurea Candidissima, ornamental plant of great beauty. Silvery white, deeply cut foliage. Half hardy perennial, per packet15c

Centaurea Odorata, sweet scented flower, of a bluish or light purple color, set on long stems. Easily cultivated and should be grown in light soil. Hardy annual; about 1½ feet high, per packet10c

Centaurea Marguerite, a sweet scented white variety, about as large as a carnation, per packet10c

CENTAUREA IMPERIALIS—A new, very large flowering strain resembling the marguerite, but nearly twice the size.

Centaurea Imperialis mixed, colors range from white, purple to pink; stems very long; fine for corsage bouquets, per packet10c

Centaurea Imperialis Carl, a beautiful pure white; fragrant, very large in size, long stems, per packet.....15c

Centaurea Imperialis Princess, color, purple to lavender with white centre; very large, per packet15c

Centaurea Imperialis Sulphurea, an improvement on *Centaurea Chameleon*; pure deep yellow in color; of immense size, reaching during the summer months 3½ to 4 inches in diameter; very long stems, per packet20c

CHRYSANTHEMUM—Colors, golden yellow, white tinted with yellow and brown. Finely shaped double flowers produced in profusion nearly covering the plants. Height 18 inches. Perennial.

Chrysanthemum carinatum, mixed single, per packet5c

Chrysanthemum Japonicum, mixed double Japanese, per packet.....25c

FLOWER SEEDS (Continued)



TYPES OF MAMMOTH PERFECTION COSMOS, ONE QUARTER SIZE.

COSMOS—A very effective autumn flowering plant. Quite hardy and rapid growing, forming bushes often four to eight feet high, and covered with large single, dahlia-like flowers.

Cosmos, mammoth perfection, mixed colors, per packet	10c
“ mammoth perfection, pure white, per packet	10c
“ mammoth perfection, light pink, per packet	10c
“ mammoth perfection, carmine, per packet	10c
“ new fringed Marguerite, per packet	10c
“ new giant yellow, per packet	15c
“ fine mixed California, per packet	5c

CONVOLVULUS MINOR—A trailing plant, with flowers of rich shades of blue, in some specimens rivaling the pansy in richness of color, finely shaded with yellow and white. Height 10 inches. Half hardy annual.

Convolvulus minor, per packet.....	5c
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CLEMATIS—Well known and universally admired climbers; some of the varieties being remarkable for the beauty and fragrance of their blossoms. Will do well in any garden soil. Height 15 feet.

Clematis, fine mixed, per packet.....	10c
“ flamula, very fragrant, per packet	10c
“ Virginiana (Virgin's Bower), per packet	10c



COBÆA.

COBÆA—A splendid climbing plant, with large purple bell-shaped flowers and elegant tendrils; when well established it grows very rapidly, with numerous branches. 15 to 20 feet. Tender perennial.

Cobæa scandens, per packet	10c
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CYPRESS VINE—One of the most beautiful of the climbers, fine delicately cut foliage, dotted with small scarlet star-shaped flowers. Height 8 feet. Tender annual.

Ipomea quamoclit, mixed colors, per packet....	10c
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CYCLAMEN—Well known and universally admired tuberous rooted plants, producing exceedingly handsome red and white flowers. Tender perennial. One foot high.

Cyclamen persicam, mixed, per packet.....	15c
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DAISY—Charming little plant for edging and borders. The flowers are quilled and flat-petaled, white, pink, red and variegated. Tender perennial; height 6 inches.

Bellis perennis, double mixed, per packet.....	10c
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DAHLIA—This exceedingly beautiful genus comprises an almost endless number of varieties, all more or less showy in the flower garden in the autumn when most other flowers have faded. Half hardy perennial; height, 4 feet.

Dahlia, finest double mixed, per packet	15c
Dahlia, finest single mixed, per packet.....	15c

ESCHSCHOLTZIA (California poppy)—One of the most beautiful flowers grown. Half-hardy perennial; height 1 foot.

Eschscholtzia California per packet	5c
Golden West, per packet	10c



ESCHSCHOLTZIA.

FLOWER SEEDS (Continued)



DOUBLE GERANIUM

FORGET-ME-NOTS—This beautiful little flower is too well known to require description or recommendation. The delicate blue flowers appear all summer. Height 6 inches. Hardy perennial.

Myosotis palustris, pkt, 10c

FOXGLOVE—Showy and useful plant for border. Flowers borne in tall spikes, bell or thimble-shaped, of all colors. Height 2 feet. Hardy biennial.

Digitalis, mixed colors, 10c

FOUR O'CLOCK (Marvel of Peru)—A handsome plant making an attractive display of its many colored flowers from the middle of July until frost. The leading colors are red, white and yellow, with stripes and variegations of all three. Height 2 feet. Hardy perennial *Mariabulis jalapa*, pkt, 5c

FUCHSIA—The varieties of fuchsia are exceedingly beautiful. They are as easily grown from seeds as from cuttings, and from seed many improved varieties are obtained. Height 1 foot. Fuchsia, double, finest mixed, per packet...25c

GAILLARDIA—A showy annual with brownish-red flowers, bordered with yellow and white, blooming strongly through the season. Height 18 inches.

Gaillardia, mixed colors, 5c

GILIA—Color azure blue, and light blue shaded with yellow and white. Height 18 inches. Hardy annual. *Gilia*, mixed colors, per packet.....5c

GERANIUM—No garden seems complete without a bed of them, and in every collection of plants we are sure to find the Geranium. Propagation by seed is the only way to obtain new varieties. Height 1 to 2 feet. Half-hardy perennial.

Geranium, single mixed, per packet.....10c

Geranium, double mixed, per packet.....25c

GOURDS—A great variety of curiously formed and marked fruit; the vines are of rapid growth and with luxuriant foliage, adapted for covering screens, arbors, etc. Height 10 to 15 feet. Tender annual.

Gourd, small ornamental, per packet.....5c

Gourd, nest egg, per packet.....5c

GOLDEN ROD—Our "National Flower." Beautiful golden-yellow. Height 2 to 5 feet. Hardy perennial. *Soldago Canadensis*, per packet.....10c

GODETIA—A beautiful new variety; the plant of neat, dwarf, compact habit, with a profusion of rich carmine flowers. Height 1 foot. Hardy annual.

Godetia, Lady Albemarle, per packet.....5c

GYPSOPHILA—Small, white, fragrant flowers, borne on long feathery stems. No flower adds more of light and grace to the bouquet than this, and when once grown will be found indispensable. Height 1 foot. Hardy perennial.

Gypsophila elegans, per packet.....5c

HELICHRYSUM—One of the best of the Immortelles; good shape and size, and a variety of desirable colors—yellow, sulphur, cream, white, pink, rose, red and crimson. Retain their natural shape very perfectly when dried. Height 18 inches. Hardy annual.

Helichrysum coronarium, mixed, per packet.....5c

HELIOTROPE—Flowers purple, borne in trusses, and exceedingly fragrant. Height 1 foot. Hardy perennial. *Heliotropeum*, mixed colors, per packet.....10c

HIBISCUS—A showy, hardy annual, cream color. Height 2 feet.

Hibiscus Africanus, per packet.....5c

HOLLYHOCK—A great variety of brilliant colors, combining richness and delicacy in a remarkable degree. Flowers large and densely double, remaining a long time in bloom. Height 5 feet.

Hollyhock, double mixed, per packet.....10c

HYACINTH BEAN—Splendid climber, with abundant cluster spikes of purple and white flowers, which are followed by exceedingly ornamental seed pods. It is of rapid growth and often runs 20 feet in a season. Height 10 to 20 feet. Tender annual.

Dolichos lablab, mixed colors, per packet.....10c

LINUM—Distinguished for their brilliant colored flowers, which are deep crimson with black, saucer-shaped, and very conspicuous in beds and borders. Height 18 inches. Hardy annual. *Linum grandiflorum rubrum*, per packet.....5c

FLOWER SEEDS (Continued)



AFRICAN MARIGOLD.

MARIGOLD—A showy plant of compact, symmetrical growth, handsome foliage, and a profusion of flowers of brilliant shades of yellow, finely variegated and striped with dark, rich colors of maroon and brown. Height 1 foot. Half-hardy annual.

Marigold, double dwarf French, per packet.....5c

Marigold, double dwarf African, per packet.....5c

MIMULUS—These flowers are remarkable for their rich and beautiful marking and spots. Height 1 foot. Half-hardy perennial.

Mimulus punctatus, per packet10c

Mimulus moschatus (Musk Plant), per packet.....10c

MOONFLOWER—The true Moonflower is the most vigorous of all summer climbers; a single plant can easily be made to cover a trellis 30 or 40 feet high with a dense mass of leaves, studded every night or cloudy day with hundreds of beautiful white flowers, 4 to 6 inches in diameter. Height 30 to 40 feet. Tender annual.

Ipomea grandiflora (True White Moonflower) pkt, 10c

Ipomea heavenly blue, (Blue Moonflower) pkt.....10c



MIGNONETTE.

LANTANA—Rapid growing plants; the flowers are borne in verbena-like heads, embracing every shade of pink, purple, orange and white. Height 2 feet. Half-hardy perennial.

Lantana hybrida, mixed, per packet....10c

LARKSPUR—A fine variety of colors—shades of blue, red and others, striped and mottled. The flowers are produced in spikes, furnishing an abundance of bloom through the season. Height 2 feet. Hardy annual.

Larkspur, double, tall mixed, per pkt...5c

“ “ dwarf, mixed, per pkt...5c

LILY OF THE VALLEY—The Lily of the Valley is a sweet little plant, thriving in any common soil; it will do well in any shady situation where few other plants will thrive. Height 1 foot. Hardy perennial.

Convallaria majalis, per packet.....10c

LOBELIA—An elegant and useful class of plants, of dwarf, compact growth, bearing a profusion of delicate flowers, in bloom through the summer and autumn. Colors, deep, rich blue, and blue marked with white. Height 6 inches. Half-hardy annual.

Lobelia gracilis, per packet.....10c



MIMULUS.

MORNING GLORY—This well known annual is one of the most popular climbers. Of rapid growth, soon covering a fence or trellis with abundant foliage and bright flowers. A great variety of colors and shades. Height 10 feet. Hardy annual.

Convolvulus major, mixed colors, per packet...5c

“ “ blue, per packet5c

“ “ white, per packet5c

MORNING GLORY (Giant Japanese) — This plant has been developed to such a state of perfection that it now produces flowers of immense size and almost endless variety of color and markings. Some of the flowers are brilliant red, or rich blue self-colored; others are equally brilliant with broad margins of clear white.

Japanese Morning Glories, mixed colors, pkt..10c

MIGNONETTE, SWEET — One of the best known and most popular flowers; indispensable for the garden. Height 1 foot. Hardy annual.

Mignonette, sweetper packet 5c

Mignonette, machet “ 5c

Mignonette, tall Pyramidal “ 5c

FLOWER SEEDS (Continued)

NASTURTITIUM, TALL—This well known annual is one of the best for trellises and arbor decorations. Flowers of a great variety of rich colors, striped and spotted with different shades. Height 6 to 10 feet.

<i>Tropaeolum majus</i> , mixed colors.....	per packet, 5c	cardinal, dark scarlet .	5c
“ “ king of blacks, maroon ..	5c	spitfire, fiery red.....	5c
“ “ light yellow	5c	chestnut brown.....	5c

NASTURTITIUM, DWARF—One of the most brilliant scarlets grown in any flower; the bloom covering the plant and being produced in succession throughout the summer. Foliage very dark green. Grows less than 1 foot high, making it very desirable for the front edge of a bed or border. Height 1 foot.

<i>Tropaeolum minus</i> , mixed colors	5c	rose	5c
“ “ ochre yellow.....	5c	pearl	5c
“ “ bronze colored... 5c		crimson	5c

NEMOPHILA—The flowers are exquisitely colored, blotched and spotted; they are quite apt to sport into an endless variety of shades, from black and blue to lighter colors. Height 6 inches. Hardy annual.

Nemophila, mixed colors, per packet10c

PASSION FLOWER—A most interesting and well known order of climbers, bearing singularly beautiful flowers.

Passiflora coerulea, pkt., 10c

PETUNIA—One of the best flowers for a splendid display through the entire season. Beautiful new colors, striped and marked in the most diversified manner. The ease of culture, profuse and continuous bloom, render the *Petunia* one of the most valuable annuals and entitle it to a generous share in every garden. Hardy perennial.

Petunia hybrida—

double mixed, per pkt, 50c

striped blotched, “ 10c

single mixed, “ 10c

California “ 20c

PINK (Dianthus)—The *Dianthus* family furnishes the florist with many of his most beautiful flowers, including the Carnation, Sweet William, Florist's, Chinese and Japan Pinks, in all their varieties. Hardy and half hardy biennials and perennials, but nearly all blooming the first year from seed.

Dianthus—

Oriental Beauties, pkt, 10c

double Japanese, “ 10c

double white, “ 5c

double mixed, “ 5c

single mixed, “ 5c

PETUNIA, RUFFLED GIANTS OF CALIFORNIA.

PHLOX—No flower excels this in all the qualities that make a popular annual. Brilliant and varied colors; continuous bloom. Height 8 inches.

Phlox Drummondii, mixedper packet, 5c

Phlox Drummondii, Grandiflora, mixed “ 10c

POPPY—A great variety of brilliant colors and various shapes. They make a fine display growing among the taller flowers and shrubs.

Poppy Carnation, single and double mixedper packet, 5c

“ Shirley, mixed colors “ 5c

“ Tulip, bright scarlet “ 5c

“ Mikado, double white, scarlet edge “ 5c

PORTULACA—There are scarcely any flowers in cultivation that make such a dazzling display of beauty as a bed of many-hued, brilliant-colored *Portulacas*. Height 9 inches. Tender annual. *Portulaca*, single mixed 5c *Portulaca*, double rose, mixed 10c

PRIMULA SINENSIS (Chinese Primrose)—These are, perhaps, the most desirable of all house blooming plants. They are in almost constant bloom all winter, and if the plants be transferred to the border, they will bloom nearly all summer. Height 9 inches.

Primula Sinensis, mixedper packet, 15c

PRIMROSE, EVENING—Produces large, showy blossoms, which are fully expanded only towards and during evening. Blossoms three to four inches across, usually yellow or white, and very freely and constantly produced. *Aenothera Lamarckiana* per packet, 5c



PANSIES



Pansies are the most popular flowers grown from seed, and their great variety of coloring makes them one of the most interesting. Sow the seed in September or October for early spring bloom; they may, however, be planted here almost the year round.

NEW SUPERB MIXTURE—Composed wholly of giant varieties; one of the most beautiful ever offered; the flowers are immensely large, of thick velvety texture and most distinct colors.

Per packet10c

CASSIER'S GIANT ODIER—The flowers, of immense size, are of the popular Odier type, being all three-spotted or five-spotted on backgrounds of very rich colors.

Per packet10c

BUGNOT'S VERY LARGE STAINED, MIXED—An extra large flowering beautiful five blotched race; plants vigorous, with short stalks, bearing well above the foliage immense flowers of fine form and substance.

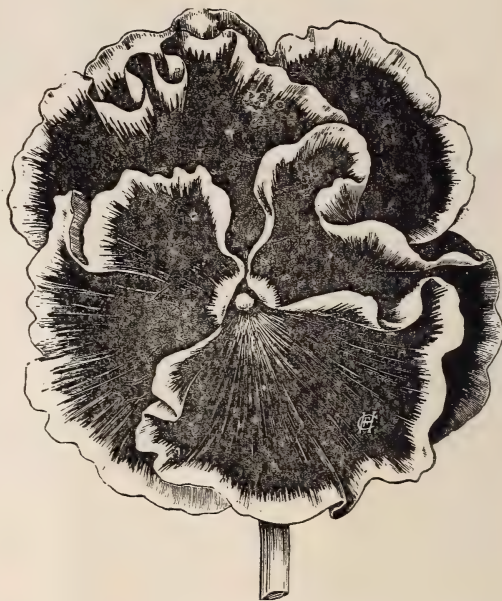
Extra fine, per packet.....25c

TRIMARDEAU, VERY LARGE FLOWERED MIXED—An entirely distinct and beautiful race with flowers of the richest and most varied shades of color. Plants of vigorous compact growth, and the flowers, which possess unusual substance, and consistency, are each marked with three large blotches or spots.

Per packet10c

MASTERPIECE PANSY—It differs from all other types in existence in that the border of every petal is conspicuously undulated and curled. The colors are beautiful and varied, and the flowers immensely large.

Per packet25c



NEW MASTERPIECE.

Bedding Pansies, all colors, mixed, per pkt., 5c.; per oz., 75c.

" " Emperor William, blue per pkt., 5c.; per oz., 75c.

" " Faust, or King of the Blacks, black purple, per pkt., 5c.; oz., 75c.

" " gold margined, per pkt., 5c.; per oz., 75c.

" " Havana brown, per pkt., 5c.; per oz., 75c.

" " sky blue, per pkt., 5c.; per oz., 75c.

" " Lord Beaconsfield, purple shading to white, per pkt., 5c.; per oz., \$1.

" " mahogany color, per pkt., 5c.; per oz., 75c.

" " Peacock, blue, claret and white, per pkt., 10c; per oz., \$2.

" " purple violet, per pkt., 5c.; per oz., 75c.

" " Snow Queen, pure white, per pkt., 5c.; per oz., 75c.

" " striped, per pkt., 5c.; per oz., \$1.

" " Victoria, nearest approach to red, per pkt., 10c; per oz., \$2.50.

" " white with dark eye, per pkt., 5c.; per oz., 75c.

" " yellow with dark eye, per pkt., 5c.; per oz., 75c.

FLOWER SEEDS (Continued)

SALVIA—The Salvia or Flowering Sage is a very ornamental plant, flowering in spikes of fiery red, and continues in bloom in open ground until frost. Height 1 foot. Tender annual.

Salvia splendens, scarlet, per pkt., 10c.

Salvia patens, blue, per pkt.....15c

SALPIGLOSSIS—Very showy bedding or border plants, with richly colored, erect, funnel shaped flowers. The colors are beautifully marbled and penciled, purple, scarlet, crimson, yellow, buff, blue and almost black. Bloom from August to October. Half-hardy annual; one and a half to two feet high.

Fine mixed, hybrid varieties, pkt., 5c

SANVITALIA—Very pretty, dwarf, trailing plants; excellent for rock work, borders or edging of beds. It is so completely covered with flowers as to nearly hide the foliage. Double flowers of a brilliant golden yellow, resembling a miniature double Zinnia. Hardy annual; 6 inches high.

Sanvitalia procumbens, double, pkt., 5c

SCABIOSA (Mourning Bride)—Produce a profusion of large double flowers of striking shades of color. Hardy annual; about 1 foot high.

Scabiosa, double mixed, per pkt., 5c

SENSITIVE PLANT—An interesting and curious plant, with globular heads of pink flowers, well known for the extreme irritability of its leaves and foot stalks, which close and droop at the slightest touch, or in cloudy, damp weather, and during the night. Tender annual; height 1½ feet.

Mimosa Pudica, per pkt.....5c



TEN WEEKS STOCK.

SMILAX—No climbing plant in cultivation surpasses this for the graceful beauty of its foliage. In cut flowers and for use in wreaths, etc., it is indispensable to florists. Height 10 feet. Tender perennial.

Myrsiphyllum asparagoides.....per pkt., 10c.

STOCKS—The Stocks as now grown are indispensable where a fine display of flowers is wanted. To such perfection has selection brought them that good seed will give a large proportion of flowers as double and as large as the named sorts grown from cuttings.

Double German Ten Weeks, mixed....per pkt., 10c.

“	“	“	“	pure white.	“	10c.
Intermediate	white				“	15c.

Intermediate, white	"	15c.
" scarlet	"	15c.

Brompton, mixed per pkt., 10c Perpetual, mixed per pkt., 15c



SWEET WILLIAM.

Helianthus Californicus	per pkt., 5c
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SWEET WILLIAM—The improved varieties of this popular flower are very beautiful and should find a place in every garden. A great variety of strong colors, variegated with lighter shades. Height 18 inches. Hardy perennial.

Dianthus barbatus, single mixed.....per packet 5c

“	“	double mixed	“	10c
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“	“	pure white	“	10c
“	“	red	“	10c

“ “ red “ 10c

THURNBERGIA (Black-eyed Susan)—Beautiful, rapid growing annual climbers, thriving in a light, rich, loamy soil in warm situations in the garden; very pretty flowers in buff, white, orange, etc., with dark eyes.

Thurnbergia, mixed colors.....per packet 5c



THURNBERGIA.



SWEET PEAS

These are, perhaps, the most popular flowers grown. California is truly the paradise of Sweet Peas; here they bloom longer and more luxuriantly than anywhere else in the world. It was in California, too, that most of the Novelties introduced in recent years originated. You will find our Sweet Peas unequalled anywhere for largeness of bloom, and beauty and variety of color.

	Per pkt.	Per oz.	per ¼ lb.
ALBA MAGNIFICA, pure white flowers.....	5c	10c	20c
ADONIS, rose and carmine, small flowers.....	5c	10c	20c
APPLE BLOSSOM, bright rose and pink, beautifully blended....	5c	10c	20c
BLANCHE BURPEE, beautiful white, very large flowers.....	5c	10c	25c
BLANCHE FERRY, pink and white, large extra early.....	5c	10c	25c
BLUSHING BEAUTY, very delicate pink, very fine hooded form..	5c	10c	25c
BUTTERFLY, white, laced with lavender, notched standards....	5c	10c	20c
CAPTIVATION, light claret, large shell shaped standards.....	5c	10c	20c
CAPTAIN OF THE BLUES, purplish mauve and pale blue.....	5c	10c	35c
COQUETTE, primrose shaded, fawn, very beautiful.....	5c	10c	25c
DELIGHT, white, slightly edged crimson, small flowers.....	5c	10c	20c
DUKE OF CLARENCE, brilliant rosy claret.....	5c	10c	20c
EMILY ECKFORD, light mauve, wings blue.....	5c	10c	20c
FIREFLY, deep brilliant scarlet.....	5c	10c	30c
HER MAJESTY, large rose colored flowers.....	5c	10c	35c
IMPERIAL BLUE, blue shaded mauve.....	5c	10c	20c
LOTTIE ECKFORD, light ground, tinted lavender.....	5c	10c	20c
ORANGE PRINCE, orange, with pink wings.....	5c	10c	25c
PAINTED LADY, pink and white, flowers small.....	5c	10c	25c
PRIMROSE, pale primrose yellow.....	5c	10c	20c
PRIMA DONNA, light blush pink, extra fine.....	5c	10c	30c
QUEEN OF THE ISLES, white stripes on scarlet.....	5c	10c	20c
SENATOR, bright brown shaded on white.....	5c	10c	25c
SPLENDOR, superb bright rose, shaded crimson.....	5c	10c	25c
STANLEY, rich dark maroon, the finest dark variety.....	5c	10c	30c
VENUS, lovely salmon buff, shaded pink.....	5c	10c	20c
VIOLET QUEEN, standard mauve, wings light violet.....	5c	10c	20c
MIXED SWEET PEAS, a superb mixture of all varieties.....	5c	10c	20c

DWARF SWEET PEAS

WHITE CUPID, grows 5 to 6 inches high.....	5c	10c	30c
PINK CUPID, a dwarf Blanche Ferry.....	5c	25c	75c

FLOWER SEEDS (Continued)



VERBENA.

VIRGINIA STOCK—Hardy annual, very useful for border or edging. A continual succession of blossoms may be kept up the whole season by sowing at intervals through spring and summer. The flower and plant are quite as desirable as the Candytuft; grows about 9 inches high.

Cheiranthus maritimus, per pkt., 5c

WALL FLOWER—The large, massive spikes of the Wall flower are very conspicuous in beds and borders, and are deliciously fragrant, perfectly double, and combine many shades of color. Height 18 inches. Tender perennial.

Pkt.

Cheiranthus cheiri, single mixed...5c

Cheiranthus cheiri, double, mixed...10c

WISTERIA VINES — One of the quickest growing climbers of fine bright foliage, producing bunches of rose-lilac flowers in great abundance during the spring. If once started it will live for five years. Height 20 feet. Hardy perennial.

Glycine sinensis.....per pkt., 10c

ZINNIA—Fine, large double flowers of a great variety of colors—red, rose, crimson, scarlet, purple, orange, white and yellow. Height 2 feet. Half-hardy annual.

Per pkt.

Zinnia, double dwarf, white.....5c

" double dwarf, scarlet.....5c

" double dwarf, mixed.....5c

" zebra striped5c

TRUMPET VINE—Magnificent, deciduous hardy climber, with brilliant flowers; deserving a first place as an ornamental and effective covering for walls, houses, etc. Height, 20 to 30 feet. Hardy perennial.

Bignonia radicans.....per pkt., 10c

VERBENA—The most popular bedding plant grown from seed. The fine variety of colors make it one of the most desirable annuals in the catalogue for general culture. Tender annual.

Per pkt.

Verbena hybrida, mixed10c

" pure white, sweet scented...10c

" scarlet10c

" mammoth, mixed colors...10c

" lemon, lemon-scent foliage...10c

VIOLET—The Violet should not be wanting in any garden, on account of its fragrance and early appearance; succeeds best in a shady, sheltered place. Height 4 inches. Hardy perennial.

Viola odorata.....per packet, 10c

" cornuta, purple.. " 10c

" cornuta, white... " 10c

VIRGINIA CREEPER—One of the best climbing plants for permanent situations, as it is perfectly hardy, clinging to the sides of whatever it may be grown against by the rootlets it throws out all along the stems. Height 50 to 100 feet. Hardy perennial.

Ampelopsis quinquefolia..per pkt., 10c



DOUBLE ZINNIA.

TREE AND SHRUB SEEDS

We do not carry a large stock of these seeds, as the demand is limited. What we do have, however, are always fresh, true to name and sure to grow.

Ornamental and Forest Trees

Acacia Decurrens (Black Wattle)—A medium sized tree, of quick growth. Is hardier than the Blue Gum. Per pkt. 5c., per oz. 30c.

Acacia Floribunda—A fine ornamental tree, with abundant, handsome flowers. Per pkt. 10c., per oz. 50c.

Acacia Melanoxylon (Blackwood)—A very valuable timber tree; grows eighty feet in height. Per pkt. 5c., per oz. 30c.

Acacia Lophantha—Very rapid grower; good tree for temporary shelter. Pkt. 5c., oz. 30c.

Araucaria Excelsa (Norwalk Island Pine)—A very beautiful tree, suitable for lawns; it grows to a height of 200 feet in Australia. Per pkt. 10c., per oz. 75c.

Brachychiton Acerifolium (Flame Tree)—Very beautiful; produces an abundance of scarlet flowers. Per pkt. 5c., per oz. 30c.

Camphora Officinalis—Camphor tree of commerce; makes a fine ornamental tree. Per pkt. 5c., per oz. 30c.

Cupressus Guadalupensis (Blue Cypress)—Foliage of a beautiful blue color; of rapid growth. Per pkt. 5c., per oz. 30c.

Cupressus Lawsoniana (Lawson's Cypress)—A native of Northern California; very handsome. Per pkt. 5c., per oz. 25c.

Cupressus Macrocarpa (Monterey Cypress)—The variety commonly used for hedges. Per pkt. 5c., per oz. 10c.

Cupressus Sempervirens (Italian Cypress)—Can be trained to any desired form; tall and tapering. Per pkt. 5c., per oz. 25c.

Cedros Deodora (Himalayan Cedar)—Beautiful evergreen of pyramidal form; foliage bluish-green, gracefully drooping. Per pkt. 10c., per oz. 50c.

Eucalyptus Globulus (Blue Gum)—A very rapid grower; useful for many purposes. Per pkt. 5c., per oz. 25c.

Eucalyptus Citriodora (Lemon-scented Gum)—The leaves have a fragrance equal to the lemon-scented verbenas. Pkt. 25c., oz. \$2.

Eucalyptus Corynalyx (Sugar Gum)—A very popular variety, especially adapted to dry regions. Per pkt. 10c., per oz. \$1.

Eucalyptus Ficifolia (Scarlet Flowering Gum)—A beautiful tree, ornamented with trusses of large crimson flowers. Per pkt. 50c.

Eucalyptus Rostrata (Red Gum)—Timber is unsurpassed for durability, and is used for railroad ties, etc. Per pkt. 10c., per oz. 50c.

Eucalyptus Robusta—A remarkably hardy variety, much used for street planting in this vicinity. Per pkt. 10c., per oz. 75c.



ARAUCARIA EXCELSA

Grevilla Robusta (Silk Oak)—A beautiful, large, fern-like tree; bright yellow flowers. Per pkt. 10c., per oz. 50c.

Pinus Coulterii (Big Cone Pine)—A fine native tree; has the largest cone of all pines. Per pkt. 5c., per oz. 30c.

Pinus Insignis (Monterey Pine)—A valuable native evergreen; cultivated solely as an ornamental tree. Per pkt. 5c., per oz. 25c.

Picea Amabilis (Silver Fir)—A fine ornamental evergreen; leaves, bright green above, silvery underneath. Pkt. 10c., oz. 75c.

Sequoia Gigantea (California Big Tree)—The largest tree that grows on the American continent. It has attained a height of 450 feet. Per pkt. 10c., per oz. \$1.

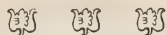
Sequoia Sempervirens (California Redwood)—The most valuable of our native timber trees. The wood is a rich brownish-red. Per pkt. 5c., per oz. 25c.

Thuja Aurea (Golden Arbor Vitæ)—A dwarf variety; top foliage yellowish-green. Per pkt. 5c., per oz. 35c.

Thuja Occidentalis (American Arbor Vitæ)—The best known variety; a native of the Eastern States. Per pkt. 5c., per oz. 30c.

Viburnum Tinus (Laurustinus)—A handsome shrub, covered early in the season with clusters of beautiful white flowers. Per pkt. 5c., per oz. 20c.

PALMS AND OTHER DECORATIVE PLANTS



Areca Lutescens—One of the most graceful and beautiful palms in cultivation; the foliage is a bright glossy green, with rich golden yellow stems. Per pkt. 25c.

Areca Rubra—A fine, graceful house palm. Per pkt. 25c.

Asparagus Sprengeri—One of the most beautiful plants for pots or hanging baskets. One of the best house plants ever introduced. Per pkt. 25c.

Asparagus Plumosus Nanus—Foliage finer and more beautiful than the most delicate fern, and will last for weeks after being cut. An excellent house plant, succeeding under almost any conditions. Per pkt. 25c.

Chamaerops Excelsa—A very large and extremely hardy fan palm. Per pkt. 5c.

Cocos Weddeliana—The most elegant and graceful of all the smaller palms. Its slender, erect stem is freely furnished with gracefully arching leaves. Per pkt. 50c.

Dracaena Australis—A very tall, palm-like variety. Per pkt. 15c.

Dracaena Indivisa—An exceedingly graceful, narrow-leaved sort, suitable for outdoor decoration or as a house plant. Per pkt. 15c.

Erythea Edulis—A fine, rapid growing fan palm from the Guadalupe Islands; leaves bright green. Per pkt. 25c.

Kentia Belmoreana—One of the hardiest palms in cultivation, as well as one of the most graceful and beautiful. It gives better satisfaction as a house plant than any other variety. Per pkt. 25c.

Kentia Fosteriana—Very similar to the above, but of stronger growth, and broader, heavier foliage. Per pkt. 30c.

Latania Borbonica (Chinese Fan Palm)—A very beautiful lawn plant; or, grown in large tubs or pots, makes a fine plant for decorating theatres, halls or verandas. Per pkt. 25c.



COCOS WEDDELIANA

Musa Enseta (Abyssinian Banana) — A stately and beautiful plant. It frequently reaches a height of 25 feet. Per pkt. 25c.

Phoenix Canariensis—One of the hardiest of the date palms, with dark green, feathery foliage; much used for lawns. Per pkt. 10c.

Phoenix Dactylifera—Yields the date fruit of commerce. It is a native of Asia and Northern Africa, where it attains a height of 75 feet. Per pkt. 5c.

Ptychosperma Alexandrae (Alexandra Palm)—Foliage light green on the upper side, with a silvery reflex; very graceful. Per pkt. 25c.

Seaforthia Elegans—One of the best palms for ordinary decorative purposes; of graceful habit, and rapid, easy growth. Per pkt. 15c.

Washingtonia Filifera—Our well known California Fan Palm. Per pkt. 5c.

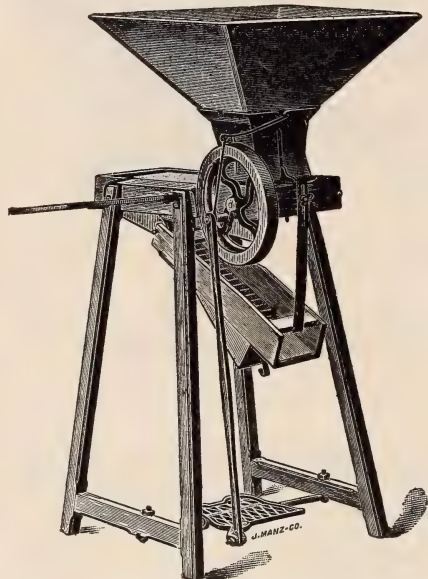
Washingtonia Robusta—Similar to the above, but darker green leaves, smoother and without threads. Per pkt. 10c.

IMPLEMENTS AND TOOLS

Bean and Seed Screeners and Pickers

We are sole agents for Southern California for the Bacon Individual Bean and Seed Pickers. Their use will add 100% to the value of a crop of beans. Every farmer and grower of beans, especially of Lima beans, should own one of these machines. Their

practicability is shown by increased sales wherever they are in use. Being operated by foot or power, all the advantages of a fully equipped packing house are brought within the reach of the farmer and small bean dealer. The output of an operator is increased three-fold over table or wide apron picking. The best grade of work is done with them.



NO. 1 PICKER

No. 2 Screener and Picker

This machine is designed for farmers, grocers and dealers who do not have suitable screening machinery.

The screening cradle is provided with different sizes of long mesh galvanized wire screen.

Will take out splits, shrunk beans, fine dirt, small stems, wheat, oats, etc., before the stock comes to the sorting apron.

The delivery spout is the same as in the No. 1 machine.

And will take out anything escaping the screening cradle.

Price, crated, f. o. b., \$12.00.

No. 1 Picker

This machine is commonly used by dealers and those having screening machinery.

The stock should be screened before coming to the picker.

The delivery spout is furnished with different sizes of long mesh galvanized wire screens, also slotted hanger for varying the pitch.

The screens are intended to take out splits, etc., that have escaped ordinary cleaning.

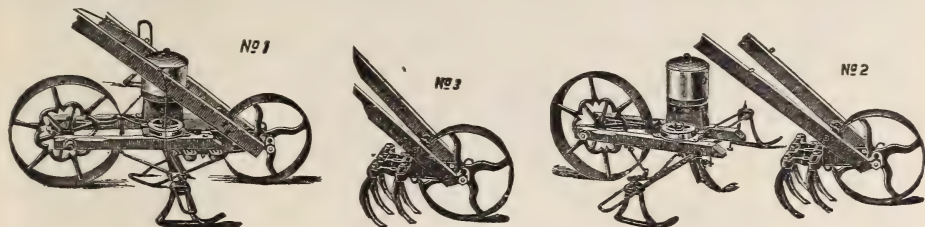
Price, crated, f. o. b., \$10.00.



NO. 2 SCREENER AND PICKER

BACON COMBINED GARDEN DRILL AND CULTIVATOR

We believe this to be the best hand drill now in use. Its sowing qualities are exceptionally fine, light running and for planting Beets, Parsnip, Carrot, Salsify, Wrinkled Peas, Smooth or Prickly Spinach, Corn, Beans, etc., it has no equal. By placing the heavy drill wheel behind in pushing the weight of the arms and drill are thrown upon it, insuring a regular movement of the feed and materially lightening the work. All drills have the cultivator frame attachment, so that persons



having the drill and wishing the cultivator need only to purchase such tools as wanted. As a combined tool they have none of the objectionable features of the ordinary implement of this class, the parts requiring no special modification to combine them; the drill is detached from the cultivator by the removal of but two nuts.

Bacon Drill (No. 1)

The feed, which is entirely new, is not a modification of any in use, is simple, durable, easily adjusted, has no brushes, rubber or wire parts to wear and get out of order. Is of iron, and from its peculiar construction, handles the most delicate seeds without bruising or breaking. Can be varied to any amount, sowing evenly to the last seed.

In the Bacon Feed the flow of seed is varied without diminishing the diameter of the passage in use, which is always of such size as to give free passage to the most difficult seeds.

The variation of feed being accomplished by a variation of position of certain parts of the passage. This gives better results in easily handled seeds, and is absolutely necessary in handling successfully such seeds as Parsnip, Beet, Carrot, Salsify, Spinach, etc.

This peculiar feed and combination gives a universal drill of unequalled excellence. Price, \$7.00.

Bacon Drill Combined with Single Wheel Cultivator (No. 2)

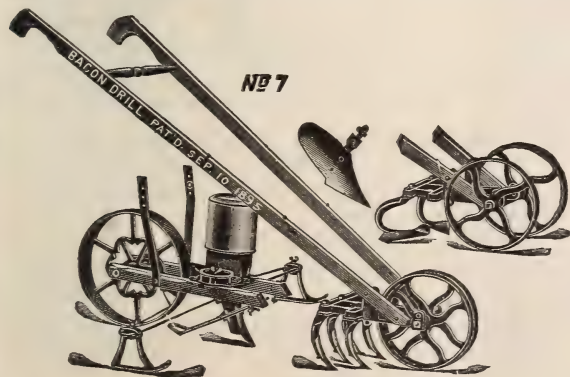
Has five cultivator teeth, two hoes, one plow. Price, \$8.00.

Single Wheel Cultivator (No. 3)

Complete with five teeth, two hoes, one plow. Price, \$4.50.

Combination Single and Double Wheel Cultivator (No. 4)

In the early growth of a crop many prefer a double wheel cultivator working straddle the row. Later when the plants have made considerable growth, a one wheel cultivator, working between the rows, is preferred. To meet this demand we have designed the No. 4 cultivator, which may be used as a double or single wheel tool. In using this cultivator as a single wheel tool, the two wheels are brought together between the wheel supports, forming a single broad tire wheel. Price, \$6.00.



Drill with Combined Cultivator (No. 7)

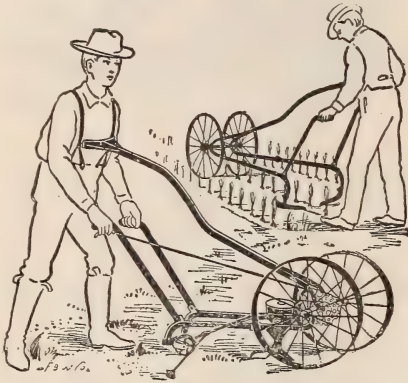
The most complete garden tool ever made. This drill has the No. 4 cultivator, which may be used as a single or double wheel tool, working between or straddle the row. The front wheel, which is the cultivator wheel, is composed of two separate wheels forming a single broad tread wheel. This wheel may be separated, throwing the two halves to the outside of the wheel arms, making a double wheel tool for working straddle the row. Price, \$9.00.

EVERITT MAN-WEIGHT GARDEN TOOLS

We have secured the agency for Southern California for these tools, which are the most ingenious labor-saving hand cultivators on the market. The man power is applied by the breast or other part of the body, leaving both hands free to guide the tools around the plants.

The Man-Weight Single Wheel Combined Tool

A Single Wheel Machine weighs but 35 pounds, and can be sent by express anywhere at very small cost, or three of them can be sent by freight for the same cost as one machine. An advantage is gained if several club together and make one shipment. Each Single Wheel Machine is furnished with one plow, one broad hoe, one 2-inch cultivating tooth. Price, \$6.



EVERITT DRILL AND CULTIVATOR

required as the work progressed, but if the rows were crooked or the plants scattering it would destroy them. With each machine we send a pair of plows, a pair of broad shovels, a pair of 2-inch shovels, a pair of 2 wing shovels, and a pair of rakes or harrows. Price \$8.

The Man-Weight Double Wheel Combined Tool

This machine is intended to straddle the row and cultivate, hoe or plow both sides at once. For this purpose it is a wonderful improvement over all other machines constructed. All other man-power tools heretofore constructed did not admit of adjustability as

The Man-Weight Drill

A Drill that will plant seeds just as desired is a most important machine for every farmer, gardener and trucker. Our drill is capable of the greatest variety of work, from sowing in a continuous row to planting in hills 3, 6, 12, 24 and 48 inches apart.

To change from drilling to hilling any distance apart requires but a moment. The machine is thrown out of gear and the flow of seed stopped by simply pulling one cord. The seed is covered, the soil firmed over it and the next row marked all at one operation. Price, \$8. Cultivator and Drill Combined, \$12.

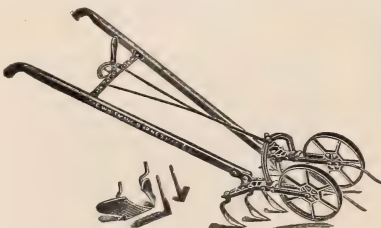


The Diamond Cultivators

Diamond Five-tooth Garden Cultivator—Plow, Hoe and Weeder combined. The most complete hand

SINGLE WHEEL DIAMOND CULTIVATOR

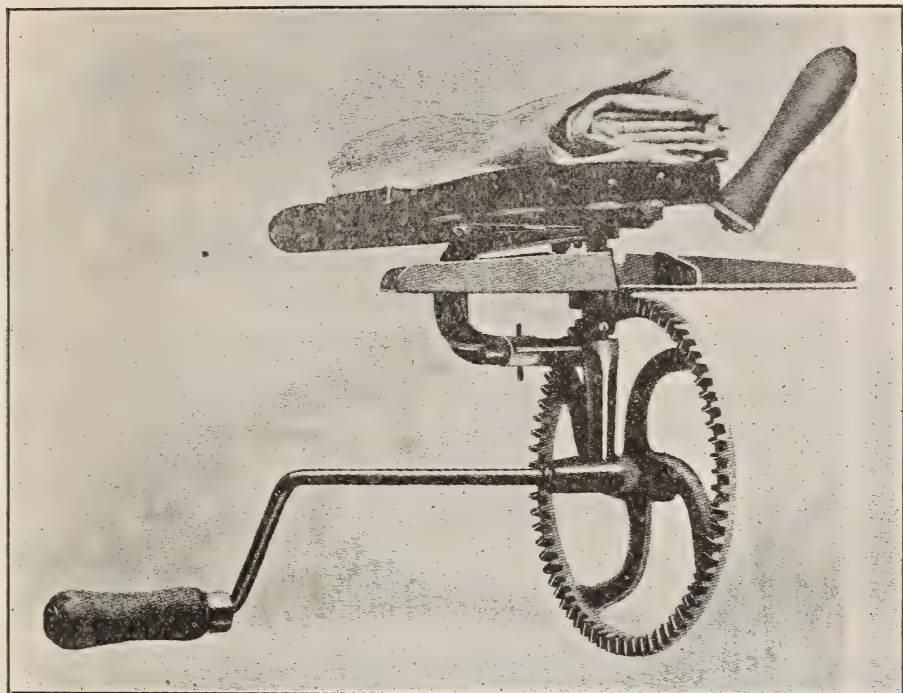
tool made; and the only single wheel hand Cultivator having five teeth. Simple, strong and very light in weight. Price, complete with all attachments, \$4.50.



DOUBLE WHEEL DIAMOND CULTIVATOR

Diamond Double Wheel Cultivator—A six-tooth Cultivator, Plow and Hoe combined. Will straddle plants 18 inches high. In an onion field and in other crops one can do better work with it than with any other tool. Price, complete with all attachments, \$6.

FARMERS' SUNDRIES



PREMIER SEED SOWER

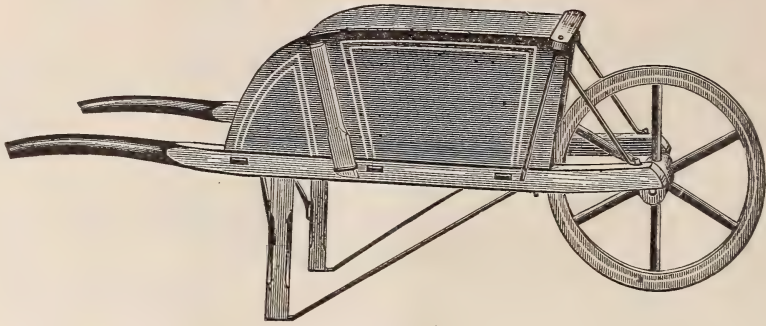
Premier Broadcast Seed Sower—The strongest and neatest low-priced seed sower made. The seed is fed to the fan wheel through an adjustable slide, in such a manner as to insure an even distribution. The slide can be closed instantly; it moves freely and is so constructed that it can never bind. The grain bag is supported by a strap thrown across the shoulders, and is made of canvas, securely fastened to the base of the machine. The Premier will sow any seed that is sown broadcast, such as oats, wheat, rye, rice, flax, millet, clover, timothy, grass seed, etc.

Under ordinary conditions, this machine will sow at a round, about as follows: Wheat, 50 feet; rye, 50 feet; clover, flax or millet, 40 feet; grass seed, 24 to 36 feet. Full directions are sent with each machine. The machine is warranted by the makers and we guarantee satisfaction. Price, \$1.50.



Cahoon Seed Sower—The standard sower, acknowledged superior to all other hand sowers. Gives perfect satisfaction and can be used for sowing alfalfa and all grains broadcast. Sows from 4 to 8 acres per hour at a common walking gait. A saving of four-fifths of the labor and one-third of the seed is effected by its use, and a person entirely unused to sowing by hand can use this machine with perfect success. Price, \$4.

FARMERS' SUNDRIES

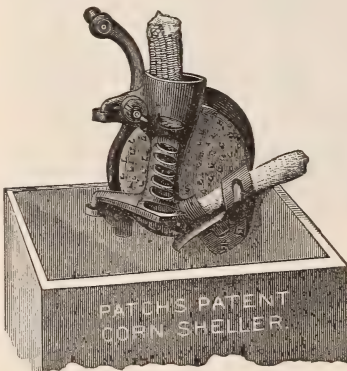


GARDEN BARROW

Wheelbarrow, Garden—Strongly made, neatly finished and serviceable. Indispensable in every garden. Price, \$4.

Wheelbarrow, Stave Tray—Very Durable. Price, \$2.50.

Wheelbarrow, Common Bolted—The best dump barrow; very strongly made. Has iron wheel. Price, \$2.50.



Black Hawk Corn Sheller—Strong, simple and durable. Will shell easily and rapidly. It will also separate cob from shelled corn. We guarantee every Sheller to give satisfaction. Price, \$2.50.

Black Hawk Pop Corn Sheller—A small-sized Sheller similar to the above, especially adapted to shelling pop corn. Price, \$2.

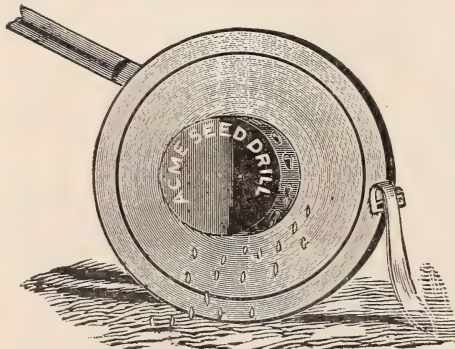
hands. Weight complete, only 4 pounds. Price, \$1.

Eclipse Corn Planter—Rotary-drop, with extra plates for different size corn. This is the best hand Planter made. Price, \$1.25.

Acme Seed Drill—A garden seed drill that will distribute beet, cabbage,

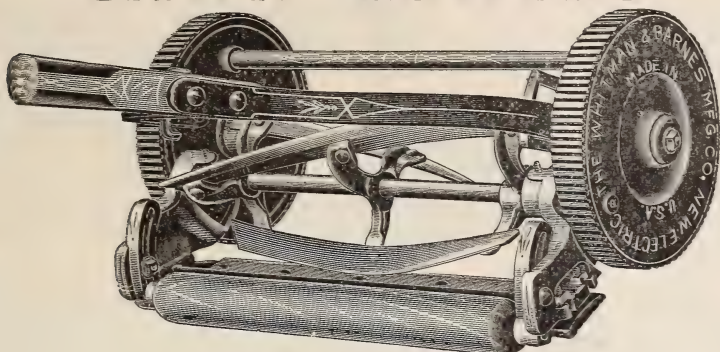
celery, carrot, lettuce, radish, turnip, and all similar seeds with perfect regularity. It is utterly impossible for it to

sow anything but accurately, doing the work as thoroughly as the costly machines, and will cover ten times the ground that can possibly be covered by hand. It is simple in construction, so easily understood that a child can be instantly taught to use it; so simply constructed it is impossible to get out of order. Price, 75c. By mail, postpaid, \$1.



CORN PLANTER

LAWN MOWERS



The "Reliable" Lawn Mower

The best low-price mower. Attractively finished, well made and sure to give satisfaction. It is made with three or four cutting blades.

12 inch cut, 3 blades	Price, \$3.00
14 " " " "	" 3.50
16 " " " "	" 4.00
12 inch cut, 4 blades	" 3.50
14 " " " "	" 4.00
16 " " " "	" 4.50

The Henley Lawn Mower

This is a first-class high grade lawn mower, made throughout in the best possible manner. Its material, workmanship and finish are unequalled. The ratchet, which is the life of a Lawn Mower, is certainly one of the best and most desirable in use. The cutting blades are of the best quality of crucible steel, tempered in oil. The reel has three blades, and revolves in brass boxings, which have a simple arrangement for taking up any wear that may occur in use. The handle is adjustable to suit the height of the user.

12 inch cut.....	Price, \$4.00
14 " "	" 4.50
16 " "	" 5.00

The Henley High Wheel Lawn Mower

This Mower, in its mechanism, quality of material, workmanship and finish is exactly like the HENLEY, except that it is a much larger Mower, and is designed for cutting thick, heavy and high grasses. The reel, however, has four blades instead of three, and runs in brass boxings. The drive wheels, which are 9½ inches in diameter, are open for an inch of a way below the threads, giving the Mower a most graceful appearance.

14 inch cut.....	Price, \$5.50
16 " "	" 6.50
18 " "	" 7.50

The Henley Ball-Bearing Lawn Mower

In the Henley Ball-Bearing Lawn Mower is realized the culmination of mechanical skill in Lawn Mower construction. No effort or expense has been spared to make this Mower perfect in every respect. Where two parts are joined together in this Mower, they are machined with the greatest care, so that they will fit together with mathematical exactness. As a result, there is no lost motion anywhere about the Mower; it combines strength with lightness, and is noiseless in operation. The Mower is graceful in appearance, and is highly finished.

14 inch cut.....	Price, \$ 7.50
16 " "	" 8.50
18 " "	" 9.50
20 " "	" 10.50

SPECIAL NOTICE—We carry constantly in stock a full line of GARDEN HOSE; Garden Tools such as Shovels, Spades, Hoes, Rakes, Pruners, Budding and Pruning Knives, etc., etc. In fact, "EVERYTHING FOR THE GARDEN."

LAWN FERTILIZERS



J. & M. Seed Co.'s Reliable Lawn Fertilizer—The ever increasing demand for an absolutely reliable Lawn Fertilizer has induced us to bring forward under our own brand, one of the purest and best of commercial fertilizers. Put up under the supervision of expert chemists from one of the most approved formulas and guaranteed to give perfect satisfaction if properly used. Five pounds will sow 100 square feet of lawn. Put up in 50 lb. sacks, \$1 per sack. In small quantities, 5c. per lb., 8 pounds for 25c.

Bradley Lawn Fertilizer—This is a high-grade fertilizer, especially prepared to promote the vigorous and healthy growth of luxuriant grass, enabling it to stand rough usage and the protracted heat of summer. Being free from weed seed, and odorless, it is far superior to unsightly and strong smelling stable dressings for use on lawns. It is unequaled as a food for plants and flowers, particularly roses. Five pounds will sow 100 square feet of lawn. Per lb. 5c., per 100 lbs. \$2 50.

We also carry in stock fertilizers for Vegetables, Potatoes, Berries, etc.

J. & M. Reliable Insecticide and Plant Fertilizer

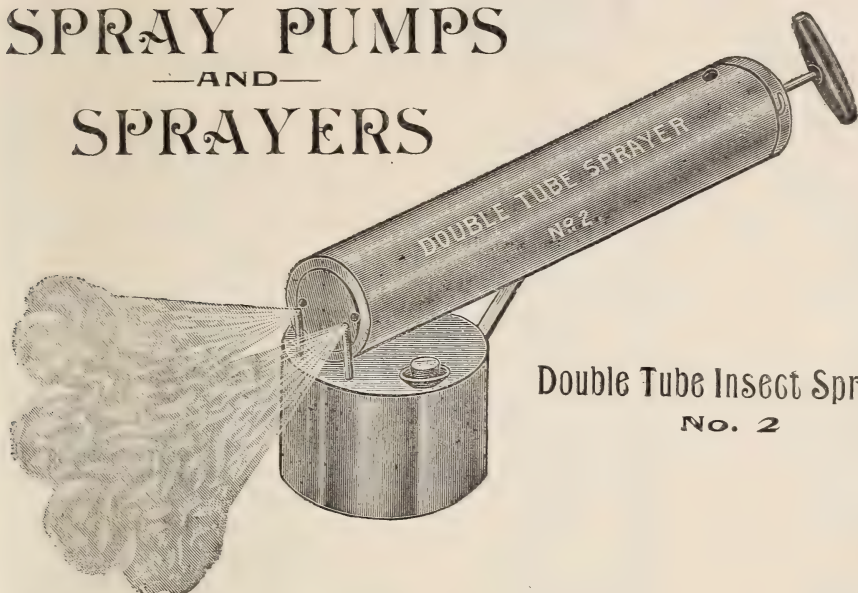
This preparation is scientifically prepared from one of the most approved formulas, and is recommended both as a Plant Fertilizer and as a Tonic. It is also a specific remedy for any of the following injurious insects and plant diseases:

- Aphis and Mildew on the Rose.
- Athracnose, Rust and Spot on Carnations.
- Leaf Spot on Chrysanthemums.
- Fungus Diseases on all Plants.
- Blight and Spot on Violets.
- Athracnose and Rust on Berries.
- Blight and Beetles on Potatoes and Tomatoes.
- Mildew and Worms on Currants.
- Aphis and Worms on Cabbage.
- Red and Black Scale on Citrus Fruits.
- And for destroying Mildew, Bugs, Lice, Cut Worms, Scale and Parasites of all descriptions on Plants, Trees, Vegetables, Fruits and Flowers.



TRADE MARK

SPRAY PUMPS —AND— SPRAYERS



Double Tube Insect Sprayer
No. 2

Has double the capacity of any other sprayer made, covering a radius of $2\frac{1}{2}$ feet, producing two large sprays with one operation. The air chamber is of large capacity, and holds two quarts, which is enough to spray 2000 hills of potatoes. Only one stroke required to cover a hill of potatoes. There is no insect living that this machine will not kill when **J. & M. Reliable Insecticide** is used. The Sprayer is made with galvanized or copper reservoirs, which will not rust or corrode.

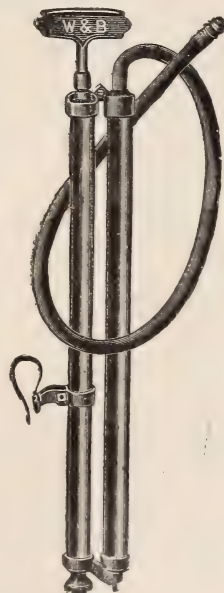
Price: Galvanized, 75c.; Copper, \$1.

Glass Reservoir Double Tube Sprayer—Similar to the above except that an ordinary quart Mason jar is used as a reservoir to hold the spraying solution. Of course no acid will corrode it. Very popular. Price, \$1.25.



W. & B. BUCKET SPRAY PUMP

The W. & B. Pump is carefully made throughout with brass cylinders, brass base, and rubber valves; all working parts easy to get at. Has special spring attachment for attaching to and detaching from a bucket or vessel in an instant. Has three-ply hose securely fastened to the top of the air chamber, not exposed to the solution, and within easy reach of the operator. It is also provided with a broad, high, serviceable hand hold that is appreciated at once, as the pumping is all done on the down stroke; thus the operator can keep a constant pressure on the nozzle and secure satisfactory results with either the sprayer or continuous stream. Price, \$3.



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USEFUL TABLES

Table Showing the Amount of Seed Necessary
for an Acre and the Number of Pounds
to the Bushel

	NO. LBS. TO BU.	NO. LBS. TO ACRE
Red Clover	60	12 to 15
White Dutch Clover	60	5 to 8
Alfalfa	60	25 to 30
Alsike Clover	60	5 to 8
Timothy	45	15 to 20
Hungarian	48	24 to 36
Millet	50	25 to 50
Red Top	14	20 to 30
Orchard Grass	14	28 to 42
Kentucky Blue Grass	14	28 to 42
Johnson Grass	25	25 to 30
Hemp	44	30 to 60
Flax	56	28 to 42
Buckwheat	50	25 to 50
Oats	32	32 to 64
Barley	48	9 to 96
Corn	56	8 to 10
Rye	56	72 to 90
Wheat	60	60 to 90
Sugar Cane	50	6 to 8
Sugar Cane, Broadcast	50	50 to 75
Peas, Field	60	90 to 120

Seed Required for a Given Length of Drill

	FT. OF DRILL
Asparagus	1 oz 60
Beet	1 oz 50

SEED REQUIRED FOR DRILL

	FT. OF DRILL
Beans, Dwarf	1 lb 50
Carrot	1 oz 100
Endive	1 oz 100
Okra	1 oz 40
Onion	1 oz 100
Onion Sets	1 lb 10
Parsley	1 oz 125
Parsnips	1 oz 150
Peas	1 lb 50
Radishes	1 oz 75
Salsify	1 oz 70
Spinach	1 oz 75
Turnip	1 oz 150

Seed Required for a Given Number of Plants

	NO. OF PLANTS
Asparagus	1 oz 500
Cabbage	1 oz 2,000
Cauliflower	1 oz 2,000
Celery	1 oz 2,500
Leek	1 oz 1,500
Endive	1 oz 3,000
Egg Plant	1 oz 1,000
Lettuce	1 oz 3,000
Pepper	1 oz 1,000
Tomato	1 oz 1,500
Thyme	1 oz 4,000
Sage	1 oz 1,000
Savory	1 oz 2,000
Marjoram	1 oz 1,500
Rhubarb	1 oz 500

THE JOHNSON & MUSSER SEED CO.

Date..... 113 N. Main St., LOS ANGELES, CAL.

AMOUNT ENCLOSED.

Name	P. O. Money Order,
Post Office,	Check or Draft,
Shipping Depot,	Cash,
County, State,	Stamps,

Send the Order by

(State here whether to send by **Mail, Express or Freight**, and route to ship by, if any special route wanted.)
For Terms, Information as to Remittances, Express and Freight Rates, etc., see other side.

[illegible]

If you will kindly send us the names and addresses of any friends or neighbors likely to purchase Seeds, we will take pleasure in mailing them our Catalogue.

(OVER)

